



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP53583_P050-Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Page                                   | <a href="http://www.avivasysbio.com/chka-antibody-middle-region-biotin-arp53583-p050-biotin.html">www.avivasysbio.com/chka-antibody-middle-region-biotin-arp53583-p050-biotin.html</a>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Name                                           | CHKA Antibody - middle region : Biotin (ARP53583_P050-Biotin)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Size (# AA)                            | 457 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molecular Weight                               | 50kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugation                                    | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| NCBI Gene Id                                   | 1119                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Full Name                                 | Choline kinase alpha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alias Symbols                                  | CK, EK, CHK, CKI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">LESVMFAILAERSLGPKLYGIFPQGRLEQFIPSRRLDTEELSLPDISAEI</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reference                                      | Glunde,K., (2008) Cancer Res. 68 (1), 172-180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Description of Target                          | The major pathway for the biosynthesis of phosphatidylcholine occurs via the CDP-choline pathway. CHKA is the initial enzyme in the sequence and may play a regulatory role. It also catalyzes the phosphorylation of ethanolamine. The major pathway for the biosynthesis of phosphatidylcholine occurs via the CDP-choline pathway. The protein encoded by this gene is the initial enzyme in the sequence and may play a regulatory role. The encoded protein also catalyzes the phosphorylation of ethanolamine. Two transcript variants encoding different isoforms have been found for this gene. |
| Protein Interactions                           | PSEN2; APP; DEPTOR; SKP2; FCHSD2; UBC; RCC1;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reconstitution and Storage                     | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.                                                                                                                                                                    |
| Datasheets/Manuals                             | Printable datasheet for <a href="#">anti-CHKA (ARP53583_P050-Biotin) antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Blocking Peptide                               | For anti-CHKA (ARP53583_P050-Biotin) antibody is <a href="#">Catalog # AAP53583</a> (Previous Catalog # AAPS32911)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human CHKA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Uniprot ID                                     | <a href="#">P35790</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Protein Name                                   | Choline kinase alpha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Accession #                            | <a href="#">NP_001268</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Nucleotide Accession #                         | <a href="#">NM_001277</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Symbol                                    | <a href="#">CHKA</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**Image 1**



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Optimal conditions of its use should be determined by end users.

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