



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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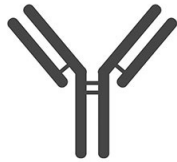


# Cdk5 Antibody - middle region : Biotin (ARP54260\_P050-Biotin)

Data Sheet

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP54260_P050-Biotin                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Page                                   | <a href="http://www.avivasysbio.com/cdk5-antibody-middle-region-biotin-arp54260-p050-biotin.html">www.avivasysbio.com/cdk5-antibody-middle-region-biotin-arp54260-p050-biotin.html</a>                                                                                                                                                                                                                                               |
| Name                                           | Cdk5 Antibody - middle region : Biotin (ARP54260_P050-Biotin)                                                                                                                                                                                                                                                                                                                                                                        |
| Protein Size (# AA)                            | 292 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight                               | 32kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugation                                    | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NCBI Gene Id                                   | 140908                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alias Symbols                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">EIVKSLLFQLKGLGFCHSRNVLHRDLKPQNLLINRNGELKLADFGGLARA</a>                                                                                                                                                                                                                                                                                                         |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                 |
| Description of Target                          | Serine/threonine kinase is involved in synaptic regulation and neuronal development, phosphorylates synaptic protein Pctaire1 and regulates acetylcholine receptor expression.                                                                                                                                                                                                                                                       |
| Protein Interactions                           | Ubc; Dnm1; Synj1; Cdk5r1; Mib1; Park2;                                                                                                                                                                                                                                                                                                                                                                                               |
| 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-Cdk5 (ARP54260_P050-Biotin) antibody</a>                                                                                                                                                                                                                                                                                                                                                    |
| Blocking Peptide                               | For anti-Cdk5 (ARP54260_P050-Biotin) antibody is <a href="#">Catalog # AAP54260</a>                                                                                                                                                                                                                                                                                                                                                  |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of Rat Cdk5                                                                                                                                                                                                                                                                                                                                                  |
| Uniprot ID                                     | <a href="#">Q03114</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Name                                   | Cyclin-dependent kinase 5                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Accession #                            | <a href="#">NP_543161</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nucleotide Accession #                         | <a href="#">NM_080885</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                                    | <a href="#">Cdk5</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish                                                                                                                                                                                                                                                                                                                                                             |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Predicted Homology Based on Immunogen Sequence | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 100%                                                                                                                                                                                                                                                                                                  |

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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

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