



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP53790_P050-Biotin                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Page                                   | <a href="http://www.avivasysbio.com/clpb-antibody-n-terminal-region-biotin-arp53790-p050-biotin.html">www.avivasysbio.com/clpb-antibody-n-terminal-region-biotin-arp53790-p050-biotin.html</a>                                                                                                                                                                                                                                       |
| Name                                           | CLPB Antibody - N-terminal region : Biotin (ARP53790_P050-Biotin)                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Size (# AA)                            | 707 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight                               | 78kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugation                                    | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NCBI Gene Id                                   | 81570                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Full Name                                 | ClpB caseinolytic peptidase B homolog (E. coli)                                                                                                                                                                                                                                                                                                                                                                                      |
| Alias Symbols                                  | SKD3, HSP78, MGCA7, ANKCLB, MEGCANN                                                                                                                                                                                                                                                                                                                                                                                                  |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">QGGREDTKCLAAATWGRLPGPEETLPGQDSWNGVPSRAGLGMCALAAALV</a>                                                                                                                                                                                                                                                                                                         |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                 |
| Reference                                      | Colland,F., (2004) Genome Res. 14 (7), 1324-1332                                                                                                                                                                                                                                                                                                                                                                                     |
| Description of Target                          | CLPB belongs to the clpA/clpB family. It contains 4 ANK repeats. CLPB may function as a regulatory ATPase and be related to secretion/protein trafficking process.                                                                                                                                                                                                                                                                   |
| Protein Interactions                           | CEP70; IRS4; UBC; HDAC11; MDFI; SMAD9; CUL3; TERF2; UCHL3; OSBPL10; USP30; COPS6; TTF2;                                                                                                                                                                                                                                                                                                                                              |
| 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-CLPB (ARP53790_P050-Biotin) antibody</a>                                                                                                                                                                                                                                                                                                                                                    |
| Blocking Peptide                               | For anti-CLPB (ARP53790_P050-Biotin) antibody is <a href="#">Catalog # AAP53790</a> (Previous Catalog # AAP30852)                                                                                                                                                                                                                                                                                                                    |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human CLPB                                                                                                                                                                                                                                                                                                                                            |
| Uniprot ID                                     | <a href="#">Q9H078</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Name                                   | Caseinolytic peptidase B protein homolog                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Accession #                            | <a href="#">NP_110440</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nucleotide Accession #                         | <a href="#">NM_030813</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                                    | <a href="#">CLPB</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit                                                                                                                                                                                                                                                                                                                                                                                      |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Predicted Homology Based on Immunogen Sequence | Cow: 86%; Dog: 93%; Horse: 93%; Human: 100%; Mouse: 92%; Pig: 77%; Rabbit: 85%; Rat: 92%                                                                                                                                                                                                                                                                                                                                             |

**Image 1**



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

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

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

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)