



# 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             | ARP56299_P050-Biotin   |
| Product Page               | <a href="http://www.avivasysbio.com/selenop-antibody-n-terminal-region-biotin-arp56299-p050-biotin.html">www.avivasysbio.com/selenop-antibody-n-terminal-region-biotin-arp56299-p050-biotin.html</a>   |
| Name                       | SELENOP Antibody - N-terminal region : Biotin (ARP56299_P050-Biotin)   |
| Protein Size (# AA)        | 411 amino acids  |
| Molecular Weight           | 46kDa  |
| Conjugation                | Biotin   |
| NCBI Gene Id               | 6414   |
| Host                       | Rabbit   |
| Clonality                  | Polyclonal   |
| Concentration              | 0.5 mg/ml  |
| Gene Full Name             | selenoprotein P  |
| Alias Symbols              | SeP, SELP, SEPP, SEPP1   |
| Peptide Sequence           | Synthetic peptide located within the following region:<br><a href="#">LGLALALCLLPSSGGTESQDQSSLCKOPPAWSIRDQDPMLNSNGSVTVVAL</a>  |
| Product Format             | Liquid. Purified antibody supplied in 1x PBS buffer.   |
| Reference                  | Peters,U., (2008) Cancer Epidemiol. Biomarkers Prev. 17 (5), 1144-1154   |
| Description of Target      | This gene encodes a selenoprotein that is predominantly expressed in the liver and secreted into the plasma. This selenoprotein is unique in that it contains multiple selenocysteine (Sec) residues per polypeptide (10 in human), and accounts for most of the selenium in plasma. It has been implicated as an extracellular antioxidant, and in the transport of selenium to extra-hepatic tissues via apolipoprotein E receptor-2 (apoER2). Mice lacking this gene exhibit neurological dysfunction, suggesting its importance in normal brain function. Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal. The mRNA for this selenoprotein contains two SECIS elements. Alternatively spliced transcript variants have been found for this gene. |
| Protein Interactions       | EP300; MEOX2; THRA; EGFR;  |
| 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-SELENOP (ARP56299_P050-Biotin) antibody</a>   |
| Blocking Peptide           | For anti-SELENOP (ARP56299_P050-Biotin) antibody is <a href="#">Catalog # AAP56299</a> (Previous Catalog # AAPP35502)  |
| Immunogen                  | The immunogen is a synthetic peptide directed towards the N terminal region of human SEPP1   |
| Uniprot ID                 | <a href="#">P49908</a>   |
| Protein Name               | selenoprotein P  |
| Sample Type Confirmation   | SEPP1 is supported by BioGPS gene expression data to be expressed in HEK293T   |
| Protein Accession #        | <a href="#">NP_001087195</a>   |
| Purification               | Affinity Purified  |
| Nucleotide Accession #     | <a href="#">NM_001093726</a>   |
| Gene Symbol                | <a href="#">SELENOP</a>  |

|   |   |
|---|---|
| <b>Predicted Species Reactivity</b>                   | Human, Horse  |
| <b>Application</b>                                    | WB  |
| <b>Predicted Homology Based on Immunogen Sequence</b> | Horse: 85%; Human: 100%   |
| <b>Image 1</b>  |  A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines. |

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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.

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