



# 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

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Product Number	ARP56299_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/selenop-antibody-n-terminal-region-hrp-arp56299-p050-hrp.html">www.avivasysbio.com/selenop-antibody-n-terminal-region-hrp-arp56299-p050-hrp.html</a>
Name	SELENOP Antibody - N-terminal region : HRP (ARP56299_P050-HRP)
Protein Size (# AA)	411 amino acids
Molecular Weight	46kDa
Conjugation	HRP: Horseradish Peroxidase
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: <a href="#">LGLALALCLLPSGGTESQDQSSLCKOPPAWSIRDQDPMLNSNGSVTVVAL</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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-HRP) antibody</a>
Blocking Peptide	For anti-SELENOP (ARP56299_P050-HRP) 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>	

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.

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