

**Mouse Selenbp1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19344b****Specification**

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**Mouse Selenbp1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P17563](#)**Mouse Selenbp1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 20341**Other Names**

Selenium-binding protein 1, 56 kDa selenium-binding protein, SBP56, SP56, Selenbp1, Lpsb

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Mouse Selenbp1 Antibody (C-term) Blocking Peptide - Protein Information****Name** Selenbp1**Synonyms** Lpsb**Function**

Catalyzes the oxidation of methanethiol, an organosulfur compound known to be produced in substantial amounts by gut bacteria (PubMed:<a href="http://www.uniprot.org/citations/29255262" target="\_blank">29255262</a>).

Selenium-binding protein which may be involved in the sensing of reactive xenobiotics in the cytoplasm. May be involved in intra-Golgi protein transport (By similarity).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q13228}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q13228}. Membrane {ECO:0000250|UniProtKB:Q8VIF7}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8VIF7}. Note=May associate with Golgi membrane (By similarity). May associate with the membrane of autophagosomes (By similarity). {ECO:0000250|UniProtKB:Q8VIF7}

**Tissue Location**

Highly expressed in liver, kidney and, to a lesser extent, lung

**Mouse Selenbp1 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**Mouse Selenbp1 Antibody (C-term) Blocking Peptide - Images****Mouse Selenbp1 Antibody (C-term) Blocking Peptide - Background**

Selenium-binding protein which may be involved in the sensing of reactive xenobiotics in the cytoplasm. May be involved in intra-Golgi protein transport (By similarity).

**Mouse Selenbp1 Antibody (C-term) Blocking Peptide - References**

Pohl, N.M., et al. PLoS ONE 4 (11), E7774 (2009) :Wu, Y., et al. Am. J. Physiol. Endocrinol. Metab. 295 (1), E205-E215 (2008) :Karim, S.A., et al. Genomics 83(2):225-230(2004)Jin, W.H., et al. Rapid Commun. Mass Spectrom. 18(18):2169-2176(2004)Pajukanta, P., et al. Mamm. Genome 12(3):238-245(2001)