

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

Mouse Selenbp1 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:29255262).

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)