

**IMP2L Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9993a****Specification**

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**IMP2L Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q96T52](#)

**IMP2L Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 83943

**Other Names**

Mitochondrial inner membrane protease subunit 2, 3421-, IMP2-like protein, IMMP2L

**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.

**IMP2L Antibody (Center) Blocking Peptide - Protein Information**

**Name** IMMP2L

**Function**

Catalyzes the removal of transit peptides required for the targeting of proteins from the mitochondrial matrix, across the inner membrane, into the inter-membrane space. Known to process the nuclear encoded protein DIABLO.

**Cellular Location**

Mitochondrion inner membrane; Single-pass membrane protein

**Tissue Location**

Expressed in all tissues tested except adult liver and lung.

**IMP2L Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**IMP2L Antibody (Center) Blocking Peptide - Images**

**IMP2L Antibody (Center) Blocking Peptide - Background**

IMP2L complex generates mature, active proteins in the mitochondrial intermembrane space by proteolytically removing the mitochondrial targeting presequence of nuclear-encoded proteins. IMP1 (IMMP1L; MIM 612323) and IMP2 are the catalytic subunits of the IMP complex.

**IMP2L Antibody (Center) Blocking Peptide - References**

Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)Trynka, G., et al. Gut 58(8):1078-1083(2009)de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)