

IMMP1L Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10836b**Specification**

IMMP1L Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q96LU5](#)**IMMP1L Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 196294**Other Names**

Mitochondrial inner membrane protease subunit 1, 3421-, IMP1-like protein, IMMP1L

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.

IMMP1L Antibody (C-term) Blocking peptide - Protein Information**Name** IMMP1L**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

IMMP1L Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

IMMP1L Antibody (C-term) Blocking peptide - Images**IMMP1L Antibody (C-term) Blocking peptide - Background**

The mitochondrial inner membrane peptidase (IMP) complex generates mature, active proteins in the mitochondrial intermembrane space by proteolytically removing the mitochondrial targeting presequence of nuclear-encoded proteins. IMP1 and IMP2 (IMMP2L; MIM 605977) are the catalytic subunits of the IMP complex (Burri et al., 2005 [PubMed 15814844]).

IMMP1L Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Taylor, T.D., et al. Nature 440(7083):497-500(2006) Burri, L., et al. Mol. Biol. Cell 16(6):2926-2933(2005)