

**PRELID1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18429a****Specification**

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**PRELID1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9Y255](#)**PRELID1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 27166**Other Names**

PRELI domain-containing protein 1, mitochondrial, 25 kDa protein of relevant evolutionary and lymphoid interest, Px19-like protein, PRELID1, PRELI

**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.

**PRELID1 Antibody (N-term) Blocking Peptide - Protein Information****Name** PRELID1**Synonyms** PRELI**Function**

Involved in the modulation of the mitochondrial apoptotic pathway by ensuring the accumulation of cardiolipin (CL) in mitochondrial membranes. In vitro, the TRIAP1:PRELID1 complex mediates the transfer of phosphatidic acid (PA) between liposomes and probably functions as a PA transporter across the mitochondrion intermembrane space to provide PA for CL synthesis in the inner membrane. Regulates the mitochondrial apoptotic pathway in primary Th cells. Regulates Th cell differentiation by down-regulating STAT6 thereby reducing IL-4- induced Th2 cell number. May be important for the development of vital and immunocompetent organs.

**Cellular Location**

Mitochondrion. Mitochondrion intermembrane space

**Tissue Location**

Highly expressed in fetal liver; less expressed in fetal brain, lung, and kidney. At the adult stage, expression is drastically reduced in the liver but highly expressed in the spleen, brain, lung, lymph nodes and peripheral blood leukocytes

**PRELID1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PRELID1 Antibody (N-term) Blocking Peptide - Images****PRELID1 Antibody (N-term) Blocking Peptide - Background**

PRELID1 may be important for the development of vital and immunocompetent organs.

**PRELID1 Antibody (N-term) Blocking Peptide - References**

Fox, E.J., et al. Biochem. J. 378 (PT 3), 817-825 (2004) :Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)Guzman-Rojas, L., et al. Int. Immunol. 12(5):607-612(2000)