

PRELID1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18429a

Specification

PRELID1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9Y255
Other Accession	O8R107 , NP_037369.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	27-54

PRELID1 Antibody (N-term) - 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

Target/Specificity

This PRELID1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-54 amino acids from the N-terminal region of human PRELID1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PRELID1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PRELID1 Antibody (N-term) - 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

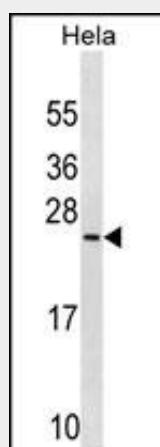
Tissue Location

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) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRELID1 Antibody (N-term) - Images

PRELID1 Antibody (N-term) (Cat. #AP18429a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the PRELID1 Antibody detected the PRELID1 protein (arrow).

PRELID1 Antibody (N-term) - Background

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

PRELID1 Antibody (N-term) - 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)