10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PRELID1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18429a

Product Information

Application	WB, E
Primary Accession	Q9Y255
Other Accession	Q8R107, NP_037369.1
Reactivity	Human
Predicted	Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38552
Calculated MW	25181
Antigen Region	27-54

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.

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

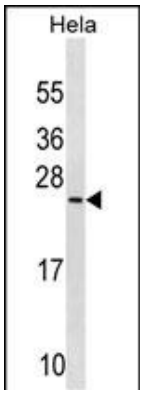
Background

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

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)

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.