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IMMP2L Rabbit pAb

Catalog # AP98982

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q96T52
Other Accession	Q96T52
Predicted	Rat, Pig, Human, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19718
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IMMP2L
Epitope Specificity	31-130/175
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the peptidase S26 family. IMP2 subfamily.
SUBUNIT	Heterodimer of 2 subunits, IMMPL1 and IMMPL2 (By similarity).
DISEASE	Gilles de la Tourette syndrome (GTS) [MIM:137580]: Neurologic disorder manifested particularly by motor and vocal tics and associated with behavioral abnormalities. Note=The disease may be caused by mutations affecting the gene represented in this entry.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein involved in processing the signal peptide sequences used to direct mitochondrial proteins to the mitochondria. The encoded protein resides in the mitochondria and is one of the necessary proteins for the catalytic activity of the mitochondrial inner membrane peptidase (IMP) complex. Two variants that encode the same protein have been described for this gene. [provided by RefSeq, Sep 2011]

Additional Information

Gene ID	83943
Other Names	IMMP2L-IT1; IMP2; IMP2-LIKE; IMP2L_HUMAN; IMMP2L; IMP2-like protein; 3.4.21.-; inner mitochondrial membrane peptidase subunit 2; IMP2 inner mitochondrial membrane protease-like (S. cerevisiae); IMMP2L intronic transcript 1 (non-protein coding); IMP2 inner mitochondrial membrane peptidase-like (S. cerevisiae)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

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.

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