



IMP2L Polyclonal Antibody

Catalog No	YP-Ab-05738
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	IMMP2L
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	IMP2L Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IMMP2L;IMP2;IMP2 LIKE;IMP2 like protein;IMP2L;Mitochondrial inner membrane protease subunit 2 (EC 3.4.21.-) (IMP2-like protein)
Observed Band	19kD
Calculated Molecular Weight	19kD
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein .
Tissue Specificity	Expressed in all tissues tested except adult liver and lung.
Function	disease:Defects in IMMP2L may be a cause of Gilles de la Tourette syndrome (GTS) [MIM:137580]. GTS is a neurologic disorder manifested particularly by motor and vocal tics and associated with behavioral abnormalities., 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., similarity:Belongs to the peptidase S26 family.,similarity:Belongs to the peptidase S26 family. IMP2 subfamily.,subunit:Heterodimer of 2 subunits, IMMP1 and IMMP2.,tissue specificity:Expressed in all tissues tested except adult liver and lung.,



Background

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],

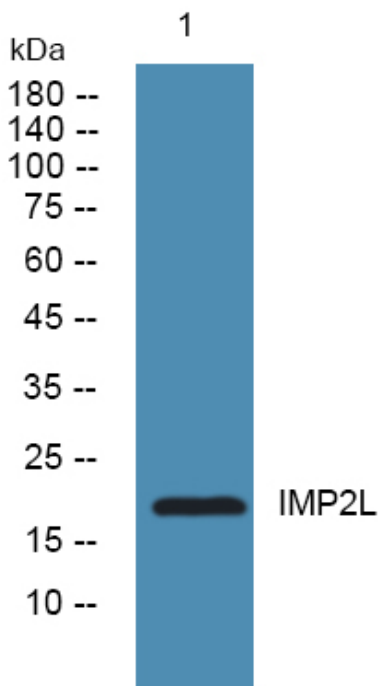
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night