SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-IMMP2L antibody

SL16620R

Product Name:	IMMP2L
Chinese Name:	Mitochondrion内膜蛋白酶样IMP2抗体
Alias:	EC 3.4.21; IMP2; IMP2 inner mitochondrial membrane peptidase like (S. cerevisiae); IMP2 inner mitochondrial membrane protease like (S. cerevisiae); IMP2 inner mitochondrial membrane protease like; IMP2 like; IMP2 like protein; IMP2-LIKE; IMP2L_HUMAN; Inner mitochondrial membrane peptidase 2 like; Mitochondrial inner membrane protease subunit 2; OTTHUMP00000207168; OTTHUMP00000207189.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	20kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IMMP2L:31-130/175
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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]

Function:
The mitochondrial inner membrane peptidase (IMP) complex generates mature, active proteins in the mitochondrial intermembrane space by proteolytically removing the mitochondrial targeting presequence of nuclear-encoded proteins. IMMPL1 and IMMPL2 are the catalytic subunits of the IMP complex.

Subunit:
Heterodimer of 2 subunits, IMMPL1 and IMMPL2 (By similarity).

Subcellular Location:
Mitochondrion inner membrane; Single pass membrane protein.

Tissue Specificity:
Expressed in all tissues tested except adult liver and lung.

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.

Similarity:
Belongs to the peptidase S26 family. IMP2 subfamily.

SWISS:
Q96T52

Gene ID:
83943

Database links:

Entrez Gene: 83943 Human

Omim: 605977 Human

SwissProt: Q96T52 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.