

Rabbit anti-Human, Mouse IMMP2L Polyclonal Antibody | anti-IMMP2L antibody

IMMP2L Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328032	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IMMP2L; Polyclonal Antibody; IMMP2L Antibody; 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; Inner mitochondrial membrane peptidase 2 like; Mitochondrial inner membrane protease subunit 2; OTTHUMP00000207168; OTTHUMP00000207189; anti-IMMP2L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	IMMP2L antibody detects endogenous levels of total IMMP2L
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	175
Applicable Applications for anti-IMMP2L antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IMMP2L
Subcellular Location	Mitochondrion Inner Membrane; Single-Pass Membrane Protein.
Tissue Specificity	Expressed in all tissues tested except adult liver and lung.
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Xenopus
Similarity	Zebrafish (91%), Bovine (100%), Horse (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)
AAA328032 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)
AAA328032 staining HEPG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600 was used as secondary antibody.



WB (Western Blot)
Western blot analysis IMMP2L using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-IMMP2L antibody	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. Subunit Structure: Heterodimer of 2 subunits, IMMPL1 and IMMPL2. Similarity: Belongs to the peptidase S26 family. IMP2 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	347446661
NCBI GeneID	83943
NCBI Accession #	NP_001231535.1
NCBI GenBank Nucleotide #	NM_001244606.1
UniProt Accession #	Q96T52; Q75MF1; Q75MN9; Q75MP0; Q75MS5; Q75MS8; Q96HJ2
Molecular Weight	Observed: 20 kDa Predicted: 20 kDa
NCBI Official Full Name	mitochondrial inner membrane protease subunit 2 isoform a
NCBI Official Synonym Full Names	inner mitochondrial membrane peptidase subunit 2
NCBI Official Symbol	IMMP2L
NCBI Official Synonym Symbols	IMP2; IMP2-LIKE; IMMP2L-IT1
NCBI Protein Information	mitochondrial inner membrane protease subunit 2
UniProt Protein Name	Mitochondrial inner membrane protease subunit 2
UniProt Gene Name	IMMP2L

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.