

Rabbit IMP2L Polyclonal Antibody | anti-IMMP2L antibody

IMP2L Antibody (Center)

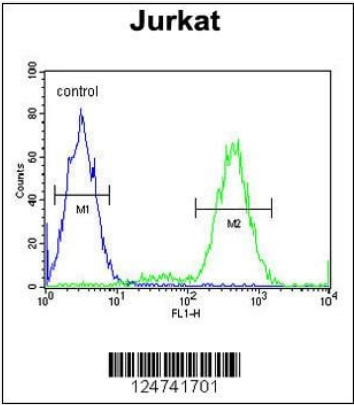
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283863	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

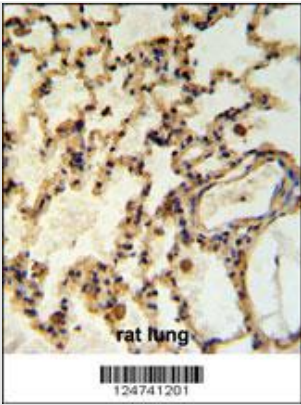
IMP2L; Polyclonal Antibody; IMP2L Antibody (Center); Mitochondrial inner membrane protease subunit 2; 3421-; IMP2-like protein; IMMP2L; anti-IMMP2L antibody

PRODUCT SPECIFICATIONS

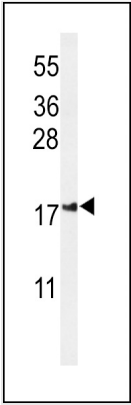
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IMP2L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-109 amino acids from the Central region of human IMP2L.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	81-109
Sequence Length	110
Applicable Applications for anti-IMMP2L antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
IMP2L Antibody (Center) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
IMP2L Antibody (Center) IHC analysis in formalin fixed and paraffin embedded rat lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IMP2L Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of IMP2L Antibody (Center) in Jurkat cell line lysates (35ug/lane). IMP2L (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-IMMP2L antibody	IMP2L complex generates mature, active proteins in the mitochondrial intermembrane space by proteolytically removing the mitochondrial targeting presequence of nuclear-encoded proteins. IMP1 (IMMP1L; MIM 612323) and IMP2 are the catalytic subunits of the IMP complex.
Product Categories/Family for anti-IMMP2L antibody	Cell Biology; Metabolism; Signal transduction
References	Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009) Trynka, G., et al. Gut 58(8):1078-1083(2009) de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	347446661
NCBI GeneID	83943
NCBI Accession #	NP_001231535.1; NP_115938.1
NCBI GenBank Nucleotide #	NM_001244606.1
UniProt Accession #	Q96T52; Q75MF1; Q75MN9; Q75MP0; Q75MS5; Q75MS8; Q96HJ2

Molecular Weight	19718
NCBI Official Full Name	mitochondrial inner membrane protease subunit 2
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
UniProt Entry Name	IMP2L_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/imp2l-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/283863>