



IMP1L Polyclonal Antibody

Catalog No	YP-Ab-05737
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	IMMP1L
Immunogen	Synthesized peptide derived from human protein . at AA range: 70-150
Specificity	IMP1L 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	IMMP1L;IMP1;IMP1 LIKE;IMP1 like protein;IMP1L;Mitochondrial inner membrane protease subunit 1 (EC 3.4.21.-) (IMP1-like protein)
Observed Band	18kD
Calculated Molecular Weight	18kD
Cell Pathway	Mitochondrion inner membrane .
Tissue Specificity	Cerebellum, Eye,
Function	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. IMP1 subfamily., subunit:Heterodimer of 2 subunits, IMMPL1 and IMMPL2.,
Background	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. IMP1 and IMP2 (IMMP2L; MIM 605977) are the catalytic subunits of the IMP complex (Burri et al., 2005 [PubMed 15814844]).[supplied by OMIM, Sep 2008],

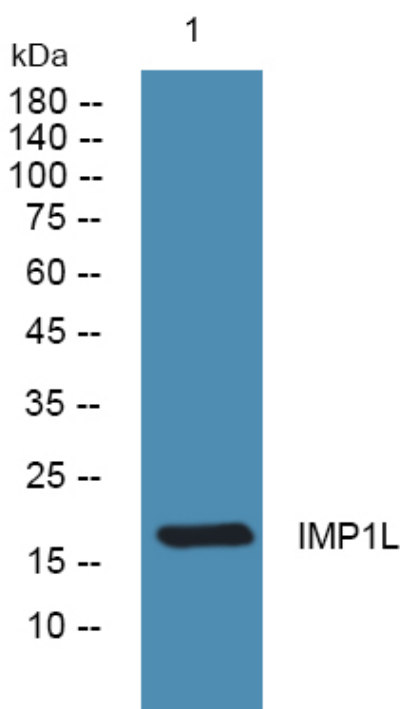
**matters needing attention**

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 U2OS cells, primary antibody was diluted at 1:1000, 4° over night