

IMMP1L Polyclonal antibody

Catalog Number: 16434-1-AP

Basic Information

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| Catalog Number: 16434-1-AP | GenBank Accession Number: BC023595 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 µg/ml by Nanodrop; | GeneID (NCBI): 196294 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | Full Name: IMP1 inner mitochondrial membrane peptidase-like (S. cerevisiae) | |
| Isotype: IgG | Calculated MW: 166 aa, 19 kDa | |
| Immunogen Catalog Number: AG9747 | Observed MW: 19 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : mouse liver tissue, |
| Species Specificity: human, mouse, rat | |

Background Information

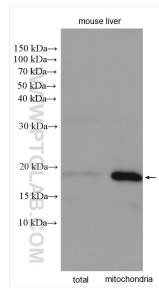
IMMP1L, a member of the peptidase S26 family, catalyzes the removal of transport peptides that target proteins from the mitochondrial matrix, across the inner membrane, and into the intermembrane space. IMMP1L is localized on the Mitochondrion inner membrane. Heterodimer of 2 subunits, IMMPL1 and IMMPL2 (PMID: 26341627; 28337252).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

Selected Validation Data



mouse liver total extract lysate and mitochondria extract lysate were subjected to SDS PAGE followed by western blot with 16434-1-AP (IMMP1L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.