

For Research Use Only

# MPZL3 Polyclonal antibody

Catalog Number: 25513-1-AP

1 Publications



## Basic Information

Catalog Number:

25513-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21905

GenBank Accession Number:

BC113586

GeneID (NCBI):

196264

UNIPROT ID:

Q6UWV2

Full Name:

myelin protein zero-like 3

Calculated MW:

235 aa, 26 kDa

Observed MW:

70 kDa, 28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : mouse liver tissue, mouse brain tissue

## Background Information

MPZL3 (Myelin protein zero-like protein 3) is a member of the myelin P0 protein family. The human MPZL3 gene is located at chromosome 11q23.3, and encodes a 235-amino acid polypeptide with an Immunoglobulin V-type (IgV) domain. MPZL3 protein is a membrane adhesion protein. It may be involved in immune function (PMID: 19054061). This polyclonal antibody raised against 32-235aa of human MPZL3 reveals bands of 28 kDa and 70 kDa, which could be endogenous MPZL3 of unmodified form and post-translational modified form, respectively (PMID: 17273165).

## Notable Publications

| Author         | Pubmed ID | Journal           | Application |
|----------------|-----------|-------------------|-------------|
| Yaakov E Stern | 35249128  | Cell Mol Life Sci | WB          |

## 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

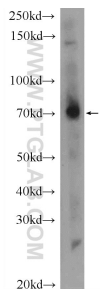
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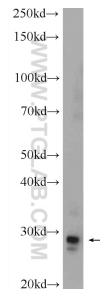
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# Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 25513-1-AP (MPZL3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 25513-1-AP (MPZL3 Antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.