

For Research Use Only

# MPZL3 Polyclonal antibody

Catalog Number: 25513-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 25513-1-AP	<b>GenBank Accession Number:</b> BC113586	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 196264	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> myelin protein zero-like 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 235 aa, 26 kDa	
<b>Immunogen Catalog Number:</b> AG21905	<b>Observed MW:</b> 70 kDa, 28 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse liver tissue, mouse brain tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	

## 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

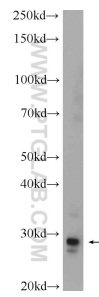
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

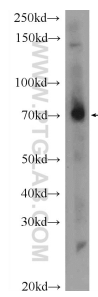
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



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.



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.