

For Research Use Only

# RHBDL3 Polyclonal antibody

Catalog Number: 21671-1-AP



## Basic Information

<b>Catalog Number:</b> 21671-1-AP	<b>GenBank Accession Number:</b> BC100975	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1100 ug/ml	<b>GeneID (NCBI):</b> 162494	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P58872	
<b>Isotype:</b> IgG	<b>Full Name:</b> rhomboid, veinlet-like 3 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG16499	<b>Calculated MW:</b> 404 aa, 45 kDa	
	<b>Observed MW:</b> 40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : SH-SY5Y cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human	

## Background Information

RHBDL3 (Rhomboid-related protein 3) is involved in a process known as regulated intramembrane proteolysis (RIP), where proteins are cleaved within the membrane to release functional polypeptides from their membrane anchors. It is expressed in several structures, including the central nervous system, embryo ectoderm, reproductive system, sensory organ, and thymus. RHBDL3 is also a prognostic marker in Glioblastoma multiforme, indicating its potential role in cancer-related pathways. It is expressed in various cell lines, particularly in those related to neuronal function and visual perception, with low cancer specificity.

## 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

For technical support and original validation data for this product please contact:

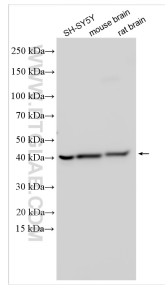
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21671-1-AP (RHD3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.