

For Research Use Only

# GDAP1L1 Monoclonal antibody, PBS Only



Catalog Number: 68340-1-PBS

## Basic Information

<b>Catalog Number:</b> 68340-1-PBS	<b>GenBank Accession Number:</b> BC009014	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 78997	<b>CloneNo.:</b> 1C7A3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96MZ0	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> ganglioside-induced differentiation-associated protein 1-like 1	
<b>Immunogen Catalog Number:</b> AG27717	<b>Calculated MW:</b> 367 aa, 42 kDa	
	<b>Observed MW:</b> 38-40 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, mouse, rat, pig, rabbit

## Background Information

Ganglioside-induced differentiation-associated protein 1-like 1 (GDAP1L1) belongs to GST superfamily. Owing to its central role in mitochondrial fission, GDAP1L1 is a homologue of GDAP1 implicated in cellular processes, such as cell death, autophagy, aging, and immune response regulation (PMID:32230997). GDAP1L1, a fission factor controlling mitochondrial fission, induces fission upon translocation from the cytosol to mitochondria in response to stress condition (PMID:34638757). Furthermore, the activity of GDAP1L1 is dependent on Drp1. GDAP1, a paralog of GDAP1L1, evokes mitochondrial fragmentation only in the presence of Drp1 in HeLa cells (PMID:19782751).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

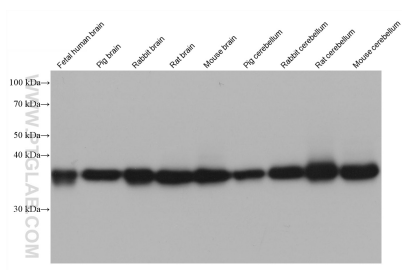
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68340-1-Ig (GDAP1L1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68340-1-PBS in a different storage buffer formulation.