

For Research Use Only

GDAP1L1 Monoclonal antibody, PBS Only



Catalog Number: 68340-1-PBS

Basic Information

Catalog Number: 68340-1-PBS	GenBank Accession Number: BC009014	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 78997	CloneNo.: 1C7A3
Source: Mouse	UNIPROT ID: Q96MZO	
Isotype: IgG2b	Full Name: ganglioside-induced differentiation-associated protein 1-like 1	
Immunogen Catalog Number: AG27717	Calculated MW: 367 aa, 42 kDa	
	Observed MW: 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

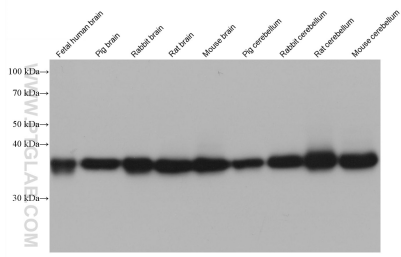
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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
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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.