

For Research Use Only

GDAP1 Polyclonal antibody

Catalog Number: 13152-1-AP



Basic Information

Catalog Number: 13152-1-AP	GenBank Accession Number: BC024939	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop and 440 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54332	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:200-1:800
Source: Rabbit	Full Name: ganglioside-induced differentiation-associated protein 1	
Isotype: IgG	Calculated MW: 358 aa, 41 kDa	
Immunogen Catalog Number: AG3769	Observed MW: 36-41 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : SH-SY5Y cells, human brain tissue, fetal human brain tissue, mouse brain tissue, rat brain tissue

IHC : mouse brain tissue,

Background Information

GDAP1 is a member of the ganglioside-induced differentiation-associated protein family, which may play a role in a signal transduction pathway during neuronal development. Mutations in this gene have been associated with various forms of Charcot-Marie-Tooth Disease and neuropathy.

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

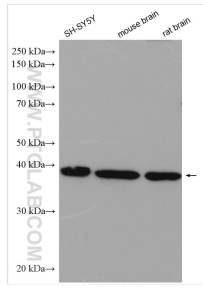
For technical support and original validation data for this product please contact:

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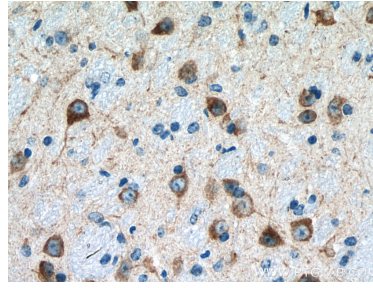
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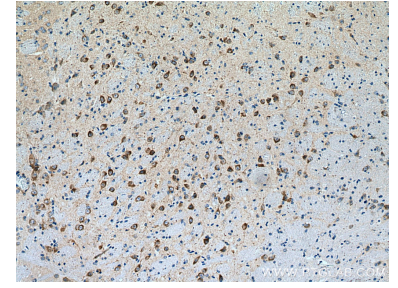
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13152-1-AP (GDAP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13152-1-AP (GDAP1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13152-1-AP (GDAP1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).