

For Research Use Only

GDAP1 Monoclonal antibody

Catalog Number: 68083-1-Ig



Basic Information

Catalog Number: 68083-1-Ig	GenBank Accession Number: BC024939	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 54332	CloneNo.: 3E10D4
Source: Mouse	UNIPROT ID: Q8TB36	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:800 IF 1:200-1:800
Isotype: IgG2b	Full Name: ganglioside-induced differentiation-associated protein 1	
Immunogen Catalog Number: AG28616	Calculated MW: 358 aa, 41 kDa	
	Observed MW: 38-40 kDa	

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Species Specificity:

Human, mouse, rat, rabbit, pig

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: pig brain tissue, Rabbit brain tissue, mouse brain tissue, rat brain tissue

IHC: rat brain tissue,

IF: 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

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

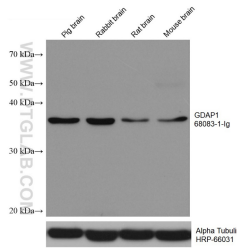
T: 4006900926

E: Proteintech-CN@ptglab.com

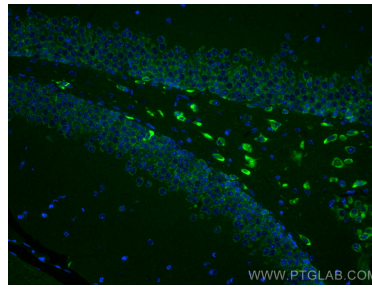
W: ptgcn.com

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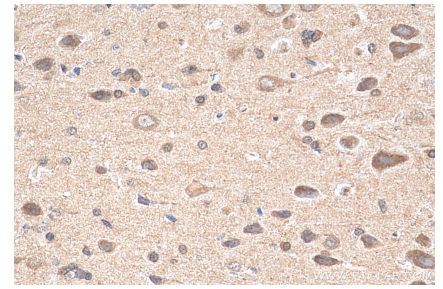
Selected Validation Data



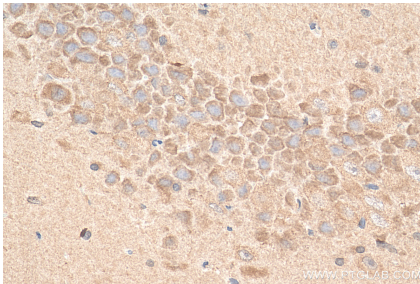
Various lysates were subjected to SDS PAGE followed by western blot with 68083-1-Ig (GDAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



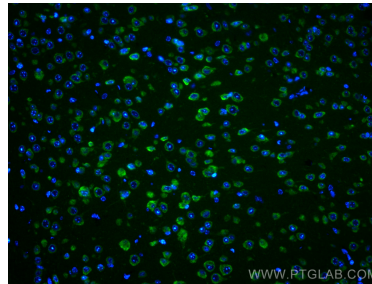
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using GDAP1 antibody (68083-1-Ig, Clone: 3E10D4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 68083-1-Ig (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 rat brain tissue slide using 68083-1-Ig (GDAP1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using GDAP1 antibody (68083-1-Ig, Clone: 3E10D4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).