

For Research Use Only

GDAP1 Monoclonal antibody, PBS Only



Catalog Number: 68083-1-PBS

Basic Information

Catalog Number: 68083-1-PBS	GenBank Accession Number: BC024939	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54332	CloneNo.: 3E10D4
Source: Mouse	UNIPROT ID: Q8TB36	
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:
WB, IF, IHC, Indirect ELISA

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

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

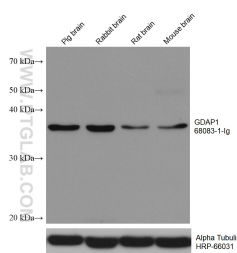
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

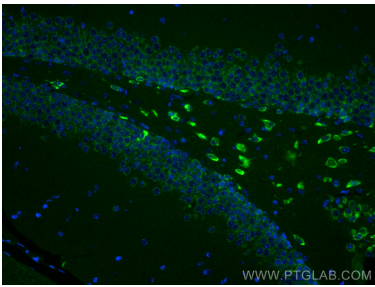
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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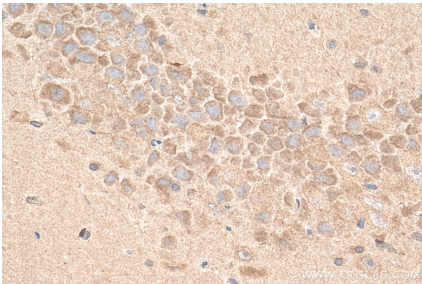
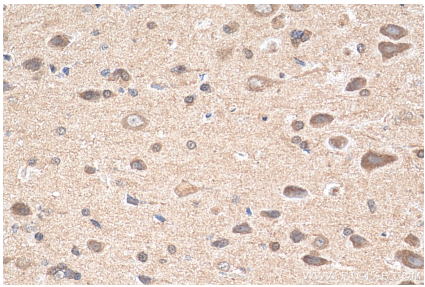
Selected Validation Data



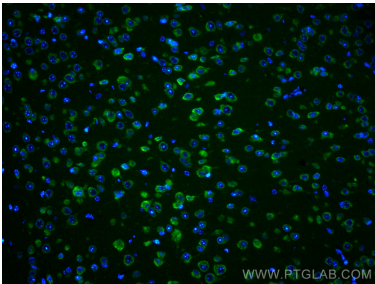
Various lysates were subjected to SDS PAGE followed by western blot with 68083-1-Ig (GDAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68083-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68083-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68083-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68083-1-PBS in a different storage buffer formulation.