

For Research Use Only

RPH3A Polyclonal antibody, PBS Only

Catalog Number: 11396-1-PBS



Basic Information

Catalog Number: 11396-1-PBS	GenBank Accession Number: BC017259	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 22895	
Source: Rabbit	UNIPROT ID: Q9Y2JO	
Isotype: IgG	Full Name: rabphilin 3A homolog (mouse)	
Immunogen Catalog Number: AG1956	Calculated MW: 690 aa, 76 kDa	
	Observed MW: 76 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

RAB3A is a small G protein that is thought to act in exocytosis of neurotransmitters and hormones in synaptic neurotransmission and cell-cell communication. RPH3A (RPH3A), a RAB3A effector, is a neuronal C2 domain tandem containing protein that is involved in the neuronal transmitter process. Huntington's disease (HD) is a hereditary neurodegenerative disorder characterized by progressive motor disturbances, cognitive defects and dementia. Level of rabphilin 3A is substantially decreased in synapses of most brain regions in R6/1 transgenic mouse model of HD suggesting a role of RPH3A in impaired synaptic transmission.

Storage

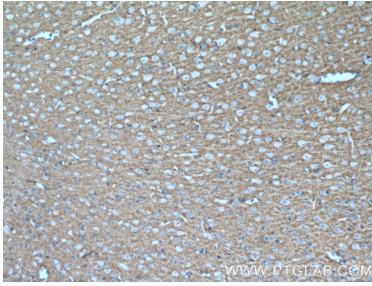
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

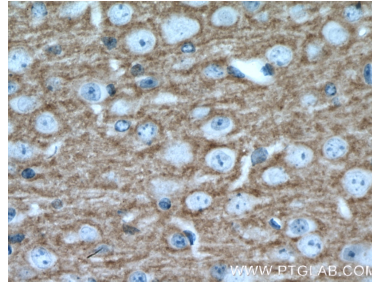
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

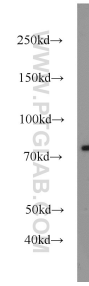
Selected Validation Data



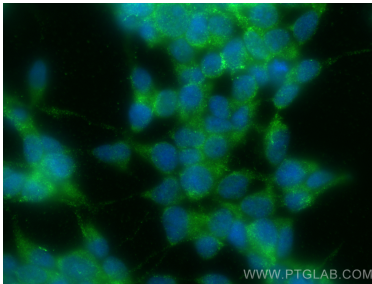
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11396-1-AP (RPH3A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11396-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11396-1-AP (RPH3A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11396-1-PBS in a different storage buffer formulation.



COLO 320 cells were subjected to SDS PAGE followed by western blot with 11396-1-AP (RPH3A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11396-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using RPH3A antibody (11396-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 11396-1-PBS in a different storage buffer formulation.