

For Research Use Only

DNAJC6/AUXILIN Polyclonal antibody, PBS Only

Catalog Number: 21941-1-PBS



Basic Information

Catalog Number: 21941-1-PBS	GenBank Accession Number: BC109279	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9829	
Source: Rabbit	UNIPROT ID: O75061	
Isotype: IgG	Full Name: DnaJ (Hsp40) homolog, subfamily C, member 6	
Immunogen Catalog Number: AG16612	Calculated MW: 970 aa, 106 kDa	
	Observed MW: 100-110 kDa, 86 kDa	

Applications

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

Species Specificity:
human, mouse, rat

Background Information

DNAJC6, also named AUXILIN, belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. It is a neuronal protein that functions specifically in the pathway of clathrin-mediated endocytosis. It shares homology with GAK, and the two proteins act as cochaperones to support the HSC70-dependent clathrin uncoating of clathrin-coated vesicles (PMID: 2016009). DNAJC6 is expressed in various brain regions, including cerebellum, corpus callosum, cortex, striatum, brainstem, pons, putamen, spinal cord and substantia nigra (PMID: 23211418).

Storage

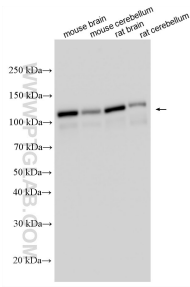
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

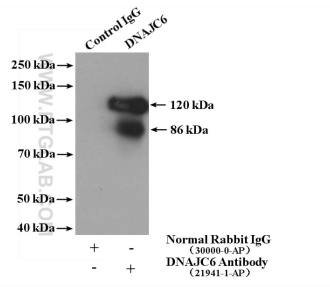
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

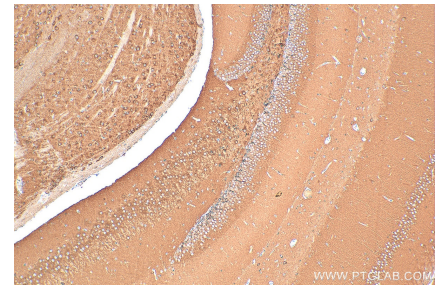
Selected Validation Data



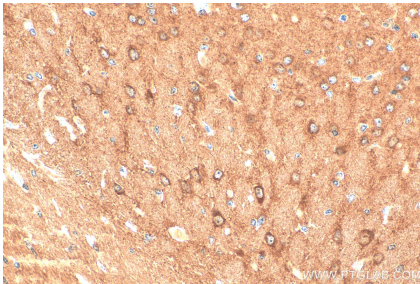
Various lysates were subjected to SDS PAGE followed by western blot with 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21941-1-PBS in a different storage buffer formulation.



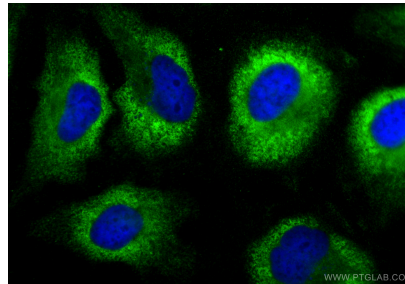
IP result of anti-DNAJC6/AUXILIN (IP:21941-1-AP, 4ug; Detection:21941-1-AP 1:2000) with mouse brain tissue lysate 4000 ug. This data was developed using the same antibody clone with 21941-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21941-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 21941-1-AP (DNAJC6/AUXILIN antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21941-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using DNAJC6/AUXILIN antibody (21941-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 21941-1-PBS in a different storage buffer formulation.