

For Research Use Only

SNCG Polyclonal antibody

Catalog Number: 16398-1-AP



Basic Information

Catalog Number: 16398-1-AP	GenBank Accession Number: BC014098	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6623	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O76070	
Isotype: IgG	Full Name: synuclein, gamma (breast cancer-specific protein 1)	
Immunogen Catalog Number: AG9493	Calculated MW: 127 aa, 13 kDa	
	Observed MW: 13 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HT-29 cells, HeLa cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse brain tissue,

Background Information

Gamma synuclein, also known as SNCG, BCSG1, belongs to the synuclein family. SNCG is a synuclein protein found primarily in the peripheral nervous system and retina(PMID 11806835). SNCG is the least conserved of the synuclein proteins and is detected in the brain, ovarian tumors, and the olfactory epithelium(PMID 9750188). SNCG is expressed in high abundance in breast cancer but scarcely at all in a normal breast and is considered a breast cancer marker(PMID: 10813729).

Storage

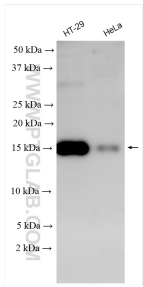
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

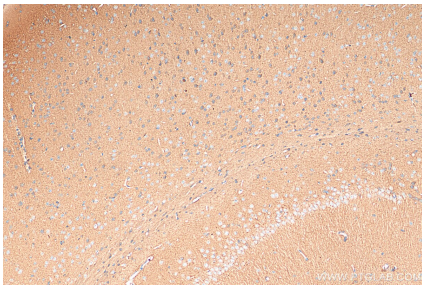
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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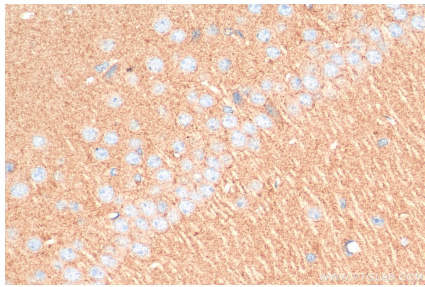
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16398-1-AP (SNCG antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16398-1-AP (SNCG antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 16398-1-AP (SNCG antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).