

For Research Use Only

NCS1 Recombinant monoclonal antibody

Catalog Number:87673-1-RR



Basic Information

Catalog Number: 87673-1-RR	GenBank Accession Number: NM_014286.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23413	CloneNo.: 253130F1
Source: Rabbit	UNIPROT ID: P62166-1	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: frequenin homolog (Drosophila)	
Immunogen Catalog Number: EG5439	Calculated MW: 22 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : A431 cells, U-87 MG cells, SH-5Y5Y cells, PC-3 cells, mouse brain tissue, rat brain tissue, mouse cerebellum tissue

Background Information

Neuronal Calcium Sensor 1 is a member of the NCS protein family, a group of evolutionarily conserved, calcium-binding proteins predominantly expressed in the nervous system and neuroendocrine cells. NCS-1 is the vertebrate homolog of the extensively studied Drosophila protein Frequentin. It plays a crucial and multifaceted role in regulating neuronal signaling, synaptic plasticity, and neurotransmitter release.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

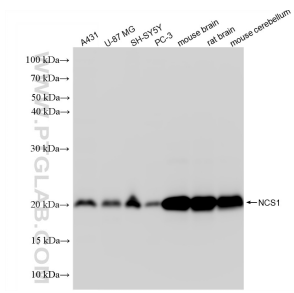
For technical support and original validation data for this product please contact:

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 87673-1-RR (NCS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.