

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
Source: Rabbit	GeneID (NCBI): 23413	CloneNo.: 253130F1
Isotype: IgG	UNIPROT ID: P62166-1	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: EG5439	Full Name: frequenin homolog (Drosophila)	
	Calculated MW: 22 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, U-87 MG cells, SH-5Y5Y cells, PC-3 cells, mouse brain tissue, rat brain tissue, mouse cerebellum tissue
Species Specificity: human, mouse, rat	

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

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

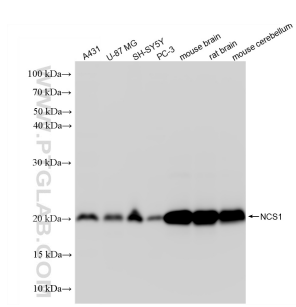
T: 4006900926

E: Proteintech-CN@ptglab.com

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