

Nrgn antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10570**Specification**

Nrgn antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q04940
Other Accession	NM_024140 , NP_077054
Reactivity	Human, Mouse, Rat, Goat, Horse, Bovine, Dog
Predicted	Pig, Chicken, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8kDa KDa

Nrgn antibody - N-terminal region - Additional Information**Gene ID** 64356

Alias Symbol	RC3
Other Names	

Neurogranin, Ng, Protein kinase C substrate 7.5 kDa protein, RC3, NEUG(55-78), Nrgn

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Nrgn antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Nrgn antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Nrgn antibody - N-terminal region - Protein Information**Name** Nrgn**Function**

Regulates the affinity of calmodulin for calcium. Involved in synaptic plasticity and spatial learning (By similarity).

Cellular Location

Cytoplasm. Synapse. Cell projection, dendritic spine. Note=Restricted to dendritic spines of a subset of neurons

Tissue Location

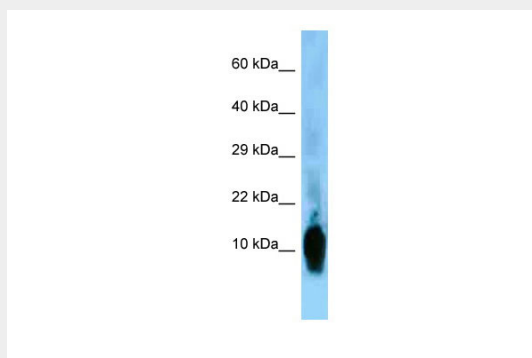
Highly enriched in brain with restricted expression in neuronal subsets primarily in the cortex, striatum, and hippocampus as well as certain nuclei within the thalamus, hypothalamus and olfactory bulb. Accumulates postsynaptically in dendritic spines of neostriatal neurons.

Nrgn antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nrgn antibody - N-terminal region - Images



WB Suggested Anti-Nrgn Antibody

Titration: 1. µg/ml

Positive Control: Rat Brain