

Nrgn antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10570

Product Information

Application	WB
Primary Accession	Q04940
Other Accession	NM_024140 , NP_077054
Reactivity	Human, Mouse, Rat, Dog, Bovine
Predicted	Pig, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	7496

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.

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.

Images

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.