10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat Anti-Neurogranin precursor Antibody (internal region), Biotinylated

Catalog # AF4289a

Product Information

Application	WB, E
Primary Accession	Q92686
Other Accession	NP_006167.1, 4900
Reactivity	Human
Predicted	Human, Mouse, Dog
Host	Goat
Isotype	IgG
Calculated MW	7618

Additional Information

Gene ID	4900
Other Names	Neurogranin, Ng, RC3, NEUG(55-78), NRGN
Dilution	WB~~1:1000 E~~N/A
Immunogen	Reported variants represent identical protein: NP_006167.1, NP_001119653.1
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat Anti-Neurogranin precursor Antibody (internal region), Biotinylated is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NRGN
Function	Acts as a 'third messenger' substrate of protein kinase C- mediated molecular cascades during synaptic development and remodeling. Binds to calmodulin in the absence of calcium (By similarity).
Tissue Location	In the cerebral cortex, found in the cell bodies of neurons in layers II-VI, and in apical and basal dendrites of pyramidal neurons. Is not found in the dendrites in patients with Alzheimer disease.

Images



Biotinylated AF4289a (0.1 µg/ml) staining of Human Brain (Frontal Cortex) lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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