

# Goat Anti-Neurogranin precursor Antibody (internal region), Biotinylated Catalog # AF4289a

### Specification

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

Application WB

Primary Accession Q92686
Other Accession NP 006167.1, 4900

Reactivity Human

Predicted Human, Mouse, Dog

Host Goat Isotype IgG Calculated MW 7618

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

#### **Gene ID 4900**

#### **Other Names**

Neurogranin, Ng, RC3, NEUG(55-78), NRGN

### **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.

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

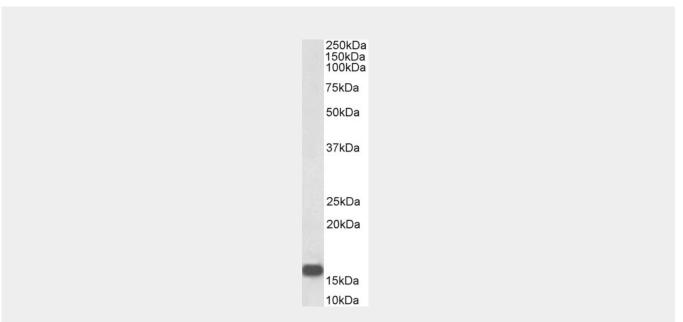


## Goat Anti-Neurogranin precursor Antibody (internal region), Biotinylated - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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



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