

NRGN / Neurogranin Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS14257**Specification**

NRGN / Neurogranin Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	Q92686
Reactivity	Human, Mouse, Rabbit, Pig, Goat, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	8kDa KDa

NRGN / Neurogranin Antibody (Internal) - Additional Information**Gene ID** 4900**Other Names**

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

Target/Specificity

Human NRGN / Neurogranin. Reported variants represent identical protein: NP_006167.1, NP_001119653.1

Reconstitution & Storage

Long term: -70°C; Short term: -20°C; Avoid freeze-thaw cycles.

Precautions

NRGN / Neurogranin Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

NRGN / Neurogranin Antibody (Internal) - 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.

NRGN / Neurogranin Antibody (Internal) - Protocols

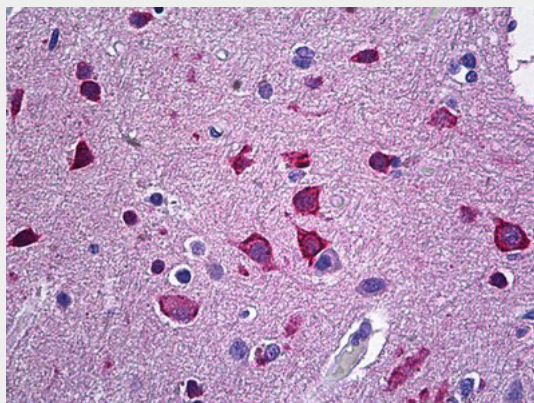
Provided below are standard protocols that you may find useful for product applications.

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

NRGN / Neurogranin Antibody (Internal) - Images



NRGN antibody (0.1 ug/ml) staining of Mouse Brain lysate (35 ug protein/ml in RIPA buffer).



Anti-NRGN / Neurogranin antibody IHC of human brain, cortex.

NRGN / Neurogranin Antibody (Internal) - Background

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NRGN / Neurogranin Antibody (Internal) - References

- Mertsalov I.B.,et al.Bioorg. Khim. 22:366-369(1996).
Mertsalov I.B.,et al.Bioorg. Khim. 23:961-968(1997).
Martinez de Arrieta C.,et al.Genomics 41:243-249(1997).
Chang J.W.,et al.J. Neuropathol. Exp. Neurol. 56:1105-1118(1997).

Mertsalov I.B.,et al.Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.