

Goat Neurogranin Precursor Antibody | anti-NRGN antibody

Neurogranin Precursor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76604	Goat	Human, Mouse, Rat	Immunohistochemistry, Western Blot

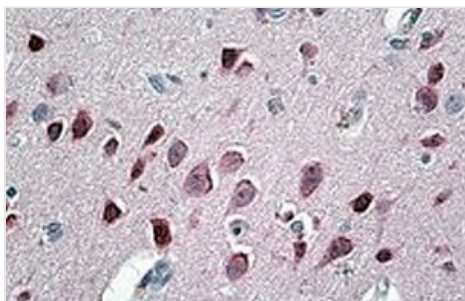
PRODUCT SYNONYMS

Neurogranin Precursor; anti-NRGN antibody

PRODUCT SPECIFICATIONS

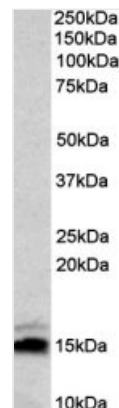
Host	Goat
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid
Sequence Length	78
Applicable Applications for anti-NRGN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide with sequence C-KIKSGERGRKG, from the internal region of the Neurogranin precursor protein sequence according to NP_006167.1.

IMAGES



IHC (Immunohistochemistry)

Neurogranin (dilution: 4.0 ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. Protocol on data-sheet.



IHC (Immunohistochemistry)

Neurogranin precursor (dilution: 0.1ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-NRGN antibody

Neurogranin is a calmodulin-binding protein expressed exclusively in the brain, particularly in dendritic spines, and participating in the protein kinase C signaling pathway. Neurogranin is the main postsynaptic protein regulating the availability of calmodulin, binding to it in the absence of calcium. Phosphorylation by protein kinase C lowers its binding ability.

Neurogranin is downregulated in Schizophrenia and is not found in the dendrites in patients with Alzheimer disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187131239
NCBI GeneID	4900
NCBI Accession #	NP_001119653.1
NCBI GenBank Nucleotide #	NM_001126181.1
UniProt Accession #	Q92686
NCBI Official Full Name	neurogranin
NCBI Official Synonym Full Names	neurogranin
NCBI Official Symbol	NRGN
NCBI Official Synonym Symbols	RC3; hng
NCBI Protein Information	neurogranin
UniProt Protein Name	Neurogranin
UniProt Gene Name	NRGN
UniProt Synonym Gene Names	Ng

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/goat-human-mouse-rat-antibody/neurogranin-precursor/76604>