

Goat Neurogranin precursor Polyclonal Antibody | anti-NRGN antibody

Goat anti-Neurogranin precursor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61369	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Dog, Cow	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Neurogranin precursor; Polyclonal Antibody; Goat anti-Neurogranin precursor Antibody; NRGN; neurogranin (protein kinase C substrate; RC3); RC3; hng; calmodulin-binding protein; neurogranin; protein kinase C substrate; NRGN antibody; RC3) antibody; RC3 antibody; hng antibody; calmodulin-binding protein antibody; neurogranin antibody; protein kinase C substrate antibody; anti-NRGN antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KIKSGERGRK G
Sequence Length	78
Applicable Applications for anti-NRGN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KIKSGERGRKG, from the internal region of the protein sequence according to NP_006167.1.
Epitope	Internal region
Note	Reported variants represent identical protein: NP_006167.1, NP_001119653.1
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

3.8ug/ml staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

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



WB (Western Blot)

2ug/ml) staining of Human Cerebellum (A) and Rat Brain (B) lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453800
NCBI GeneID	4900
NCBI Accession #	NP_006167.1
NCBI GenBank Nucleotide #	NM_006176.2
Molecular Weight	7,618 Da
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
UniProt Entry Name	NEUG_HUMAN

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://stage.aaabiotech.com/polyclonal/neurogranin-precursor-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61369>