

Rabbit NRCAM Polyclonal Antibody | anti-NRCAM antibody

NRCAM antibody - N-terminal region

CATALOG # AAA199491	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

NRCAM; Polyclonal Antibody; NRCAM antibody - N-terminal region; anti-NRCAM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NL SDTEFYGAKS SRERPPTFLT PEGNASNKEE LRGNVLSLEC IA EGLPTP
Sequence Length	1304
Applicable Applications for anti-NRCAM antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NRCAM
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-NRCAM Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-NRCAM antibody	This is a rabbit polyclonal antibody against NRCAM. It was validated on Western Blot and immunohistochemistry Target Description: Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. NRCAM is a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. This ankyrin-binding protein is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. NRCAM may also play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Allelic variants of its gene have been associated with autism and addiction vulnerability. Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. This gene encodes a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. This ankyrin-binding protein is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. This gene is also expressed in non-neural tissues and may play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Allelic variants of this gene have been associated with autism and addiction vulnerability. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-NRCAM antibody	Polyclonal; Membrane Protein; Signal Transduction; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	81158226
NCBI GeneID	4897
NCBI Accession #	NP_001032209
NCBI GenBank Nucleotide #	NM_001037132
UniProt Accession #	Q92823
Molecular Weight	141kDa
NCBI Official Full Name	neuronal cell adhesion molecule isoform A
NCBI Official Synonym Full Names	neuronal cell adhesion molecule
NCBI Official Symbol	NRCAM
NCBI Protein Information	neuronal cell adhesion molecule
UniProt Protein Name	Neuronal cell adhesion molecule
UniProt Gene Name	NRCAM
UniProt Synonym Gene Names	KIAA0343; Ng-CAM-related
UniProt Entry Name	NRCAM_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/nrcam-antibody-western-blot-immunohistochemistry-elisa/199491>