

Rabbit CD56 / NCAM Polyclonal Antibody | anti-CD56 / NCAM antibody

CD56 / NCAM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75814	Rabbit	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CD56 / NCAM; Polyclonal Antibody; CD56 / NCAM Antibody; antigen MSK39 identified by monoclonal antibody 5.1H11; antigen recognized by monoclonal antibody 5.1H11; CD 56; CD56 antigen; Cell Adhesion Molecule Neural 1; MSK39; N CAM 180; N-CAM-1; NCAM 120; NCAM 140; NCAM; NCAMC; NCAM1; Neural cell adhesion molecule 1; Neural cell adhesion molecule NCAM antibody; anti-CD56 / NCAM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.5 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	847
Applicable Applications for anti-CD56 / NCAM antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 800-847 on human neural cell adhesion molecule 1.
Immunoglobulin	IgG
Expression	Expressed in the fetal and adult brain as well as in Schwann cell culture. Also detected in adult peripheral tissues.
Molecular Function	Developmental protein; Cell adhesion; Differentiation; Neurogenesis
Subcellular Location	Cell membrane; Single-pass type I membrane protein
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-CD56 / NCAM antibody	Affinity Purified Neural Cell Adhesion Molecule 1 Antibody Extracellular matrix and cell adhesion protein that plays a role in nervous system development and in synaptic plasticity. Both soluble and membranous forms promote neurite outgrowth of cerebellar and hippocampal neurons and suppress neuronal cell death. Plays a role in neuronal positioning of pyramidal neurons and in regulation of both the number of interneurons and the efficacy of GABAergic synapses. May play a role in regulating cell migration in nerve regeneration and cortical development. Potentiates integrin-dependent cell migration towards extracellular matrix proteins. Recruits ANK3 to the plasma membrane (By similarity).
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Product Categories/Family for anti-
CD56 / NCAM antibody

Primary Antibodies; Neuroscience; Cell markers & CAMs; CD56/NCAM Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	119587612
NCBI GeneID	4684
Molecular Weight	40,760 Da
NCBI Official Full Name	neural cell adhesion molecule 1, isoform CRA_h
NCBI Official Synonym Full Names	neural cell adhesion molecule 1
NCBI Official Symbol	NCAM1
NCBI Official Synonym Symbols	CD56; NCAM; MSK39
NCBI Protein Information	neural cell adhesion molecule 1
UniProt Protein Name	Neural cell adhesion molecule 1
UniProt Gene Name	NCAM1
UniProt Synonym Gene Names	NCAM; N-CAM-1; NCAM-1
UniProt Entry Name	NCAM1_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/cd56-ncam-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75814>