

Rabbit anti-Human NCAM-L1 Polyclonal Antibody | anti-NCAM-L1 antibody

NCAM-L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322563	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NCAM-L1; Polyclonal Antibody; NCAM-L1 Antibody; Antigen identified by monoclonal antibody R1; CAML1; CD171; CD171 antigen; HSAS; HSAS1; Hyd; L1; L1 cell adhesion molecule; L1-NCAM; L1cam; L1CAM_HUMAN; MASA; MIC5; N CAML1; N-CAM-L1; NCAML1; Nerve-growth factor-inducible large external glycoprotein; Neural cell adhesion molecule L1; NILE; OTTHUMP00000025992; S10; SPG1; anti-NCAM-L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	NCAM-L1 antibody detects endogenous levels of total NCAM-L1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1257
Applicable Applications for anti-NCAM-L1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NCAM-L1
Subcellular Location	Cell Membrane
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322563 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis NCAM-L1 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-NCAM-L1 antibody	Function: Neural cell adhesion molecule involved in the dynamics of cell adhesion and in the generation of transmembrane signals at tyrosine kinase receptors. During brain development, critical in multiple processes, including neuronal migration, axonal growth and fasciculation, and synaptogenesis. In the mature brain, plays a role in the dynamics of neuronal structure and function, including synaptic plasticity. Subunit Structure: Interacts with SHTN1; the interaction occurs in axonal growth cones. Similarity: Belongs to the immunoglobulin superfamily. L1/neurofascin/NgCAM family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557707
NCBI GeneID	3897
NCBI Accession #	NP_000416.1
NCBI GenBank Nucleotide #	NM_000425.4
UniProt Accession #	P32004; Q8TA87; A0AV65; A4ZYW4; B2RMU7; G3XAF4
Molecular Weight	Observed: 180 kDa Predicted: 141 kDa
NCBI Official Full Name	neural cell adhesion molecule L1 isoform 1
NCBI Official Synonym Full Names	L1 cell adhesion molecule
NCBI Official Symbol	L1CAM
NCBI Official Synonym Symbols	S10; HSAS; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1
NCBI Protein Information	neural cell adhesion molecule L1
UniProt Protein Name	Neural cell adhesion molecule L1
UniProt Gene Name	L1CAM
UniProt Synonym Gene Names	CAML1; MIC5; N-CAM-L1; NCAM-L1

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/ncam-l1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322563>