

Rabbit anti-Human, Mouse CNTN6 Polyclonal Antibody | anti-CNTN6 antibody

CNTN6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324642	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CNTN6; Polyclonal Antibody; CNTN6 Antibody; anti-CNTN6 antibody

PRODUCT SPECIFICATIONS

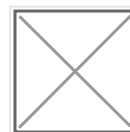
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CNTN6 antibody detects endogenous levels of total CNTN6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1028
Applicable Applications for anti-CNTN6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed in nervous system. Highly expressed in cerebellum. Expressed at intermediate level in thalamus, subthalamic nucleus. Weakly expressed in corpus callosum, caudate nucleus and spinal cord.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (82%), Horse (91%), Sheep (100%), Rabbit (82%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324642 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 of extracts from Jurkat cells using CNTN6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CNTN6 antibody	Function: Contactins mediate cell surface interactions during nervous system development. Participates in oligodendrocytes generation by acting as a ligand of NOTCH1. Its association with NOTCH1 promotes NOTCH1 activation through the released notch intracellular domain (NICD) and subsequent translocation to the nucleus. Involved in motor coordination (By similarity). Subunit Structure: Interacts with PTPRG. Similarity: Belongs to the immunoglobulin superfamily. Contactin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	574277072
NCBI GeneID	27255
NCBI Accession #	NP_001276009.1
NCBI GenBank Nucleotide #	NM_001289080.1
UniProt Accession #	Q9UQ52; Q2KHM2
Molecular Weight	Observed: 115 kD Predicted: 114 kDa
NCBI Official Full Name	contactin-6 isoform 1
NCBI Official Synonym Full Names	contactin 6
NCBI Official Symbol	CNTN6
NCBI Official Synonym Symbols	NB3
NCBI Protein Information	contactin-6
UniProt Protein Name	Contactin-6
UniProt Gene Name	CNTN6
UniProt Synonym Gene Names	hNB-3

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/cntn6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324642>