

Rabbit CNTNAP1 Polyclonal Antibody | anti-CNTNAP1 antibody

CNTNAP1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199561	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

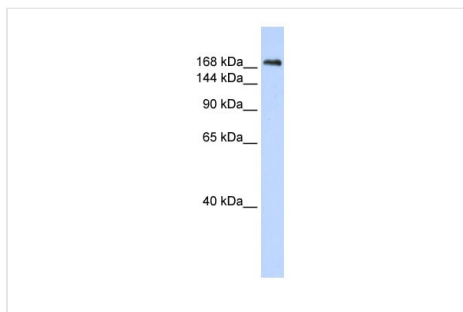
PRODUCT SYNONYMS

CNTNAP1; Polyclonal Antibody; CNTNAP1 antibody - N-terminal region; anti-CNTNAP1 antibody

PRODUCT SPECIFICATIONS

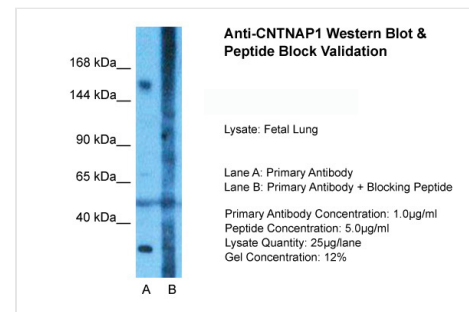
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: LQ IDLMKKHRIR AVATQGSFNS WDWVTRYMLL YGDRVDSWTP FYQRGHNS
Sequence Length	1384
Applicable Applications for anti-CNTNAP1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CNTNAP1
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



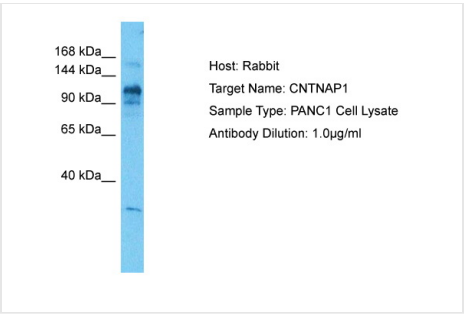
WB (Western Blot)

WB Suggested Anti-CNTNAP1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: Human Lung



WB (Western Blot)

Host: Rabbit
Target Name: CNTNAP1
Sample Type: Fetal Lung
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1 µg/ml
Peptide Concentration: 5 µg/ml
Lysate Quantity: 25 µg/lane
Gel Concentration: 0.12



WB (Western Blot)
Host: RabbitTarget Name: CNTNAP1Sample Tissue: Human PANC1 Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CNTNAP1 antibody	This is a rabbit polyclonal antibody against CNTNAP1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CNTNAP1 was initially identified as a 190-kD protein associated with the contactin-PTPRZ1 complex. The 1,384-amino acid protein, also designated p190 or CASPR for 'contactin-associated protein,' includes an extracellular domain with several putative protein-protein interaction domains, a putative transmembrane domain, and a 74-amino acid cytoplasmic domain. The architecture of its extracellular domain is similar to that of neurexins, and this protein may be the signaling subunit of contactin, enabling recruitment and activation of intracellular signaling pathways in neurons.The gene product was initially identified as a 190-kD protein associated with the contactin-PTPRZ1 complex. The 1,381-amino acid protein, also designated p190 or CASPR for 'contactin-associated protein,' includes an extracellular domain with several putative protein-protein interaction domains, a putative transmembrane domain, and a 74-amino acid cytoplasmic domain. Northern blot analysis showed that the gene is transcribed predominantly in brain as a transcript of 6.2 kb, with weak expression in several other tissues tested. The architecture of its extracellular domain is similar to that of neurexins, and this protein may be the signaling subunit of contactin, enabling recruitment and activation of intracellular signaling pathways in neurons.
Product Categories/Family for anti-CNTNAP1 antibody	Polyclonal; Signal Proteins ; Cell Adhesion ; Membrane Protein ; Signal Transduction ; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505463
NCBI GeneID	8506
NCBI Accession #	NP_003623
NCBI GenBank Nucleotide #	NM_003632
UniProt Accession #	P78357
Molecular Weight	156kDa
NCBI Official Full Name	contactin-associated protein 1
NCBI Official Synonym Full Names	contactin associated protein 1
NCBI Official Symbol	CNTNAP1
NCBI Official Synonym Symbols	CHN3; P190; CASPR; NRXN4; CNTNAP
NCBI Protein Information	contactin-associated protein 1
UniProt Protein Name	Contactin-associated protein 1
UniProt Gene Name	CNTNAP1
UniProt Synonym Gene Names	CASPR; NRXN4; Caspr; Caspr1

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/cntnap1-antibody-western-blot-elisa/199561>