

Rabbit CNTNAP1 Polyclonal Antibody | anti-CNTNAP1 antibody

CNTNAP1 Antibody

CATALOG # AAA310383	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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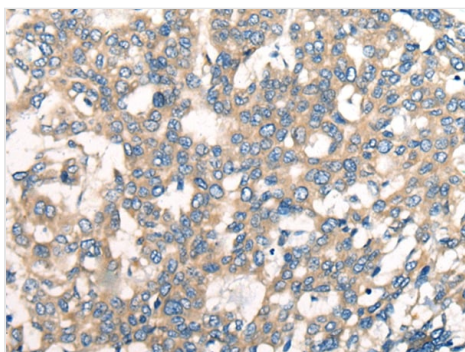
PRODUCT SYNONYMS

CNTNAP1; Polyclonal Antibody; CNTNAP1 Antibody; P190; CASPR; NRXN4; CNTNAP; anti-CNTNAP1 antibody

PRODUCT SPECIFICATIONS

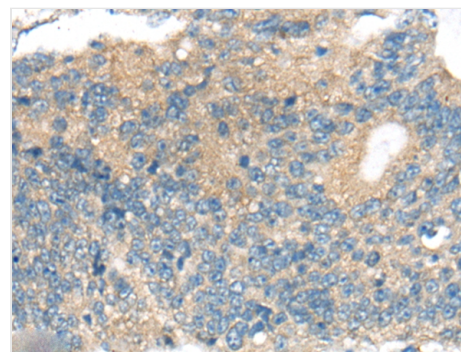
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CNTNAP1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence Length	1384
Applicable Applications for anti-CNTNAP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human CNTNAP1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



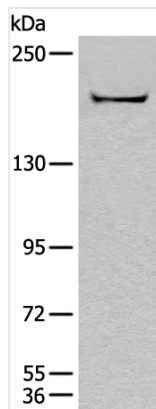
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46528(CNTNAP1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the right is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46528(CNTNAP1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 6%SDS-PAGE lysate: 40 µl (Eg, Lane: A172 cell lysate, Primary antibody: 46528E CNTNAP1 Antibody) at dilution 1/250 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CNTNAP1 antibody	The gene product 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. 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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505463
NCBI GeneID	8506
NCBI Accession #	NP_003623
NCBI GenBank Nucleotide #	NM_003632.2
UniProt Accession #	P78357
Molecular Weight	156 kDa
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	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.

