

Rabbit anti-Human CNTNAP2 Polyclonal Antibody | anti-CNTNAP2 antibody

CNTNAP2 Antibody (Center)

CATALOG # AAA286380	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CNTNAP2; Polyclonal Antibody; CNTNAP2 Antibody (Center); Contactin-associated protein-like 2; Cell recognition molecule Caspr2; CASPR2 {ECO:0000303|PubMed:10624965}; KIAA0868; anti-CNTNAP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNTNAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1079-1106 amino acids from the Central region of human CNTNAP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1079-1106
Sequence Length	1331
Applicable Applications for anti-CNTNAP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded mouse brain tissue reacted with CNTNAP2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of CNTNAP2 Antibody (Center) in CEM cell line lysates (35ug/lane). CNTNAP2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CNTNAP2 antibody	CNTNAP2 is a member of the neurexin family which functions in the vertebrate nervous system as cell adhesion molecules and receptors. This protein, like other neurexin proteins, contains epidermal growth factor repeats and laminin G domains. In addition, it includes an F5/8 type C omain, discoidin/neuropilin- and fibrinogen-like domains, thrombospondin N-terminal-like domains and a putative PDZ binding site. This protein is localized at the juxtaparanodes of myelinated axons, and mediates interactions between neurons and glia during nervous system development and is also involved in localization of potassium channels within differentiating axons.
Product Categories/Family for anti-CNTNAP2 antibody	Neuroscience
References	Denisenko-Nehrbass,N., et.al., Eur. J. Neurosci. 17 (2), 411-416 (2003) Nakayama,M., et.al., Genome Res. 12 (11), 1773-1784 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662350
NCBI GeneID	26047
NCBI Accession #	NP_054860.1
NCBI GenBank Nucleotide #	NM_014141.5
UniProt Accession #	Q9UHC6; Q14DG2; Q52LV1; Q5H9Q7; Q9UQ12; D3DWG2
Molecular Weight	148167
NCBI Official Full Name	contactin-associated protein-like 2
NCBI Official Synonym Full Names	contactin associated protein-like 2
NCBI Official Symbol	CNTNAP2
NCBI Official Synonym Symbols	CDFE; NRXN4; AUTS15; CASPR2; PTHSL1
NCBI Protein Information	contactin-associated protein-like 2
UniProt Protein Name	Contactin-associated protein-like 2
UniProt Gene Name	CNTNAP2
UniProt Entry Name	CNTP2_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/cntnap2-antibody-immunohistochemistry-western-blot-elisa/286380>