

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

CNTNAP2 Antibody

CATALOG # AAA310384	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

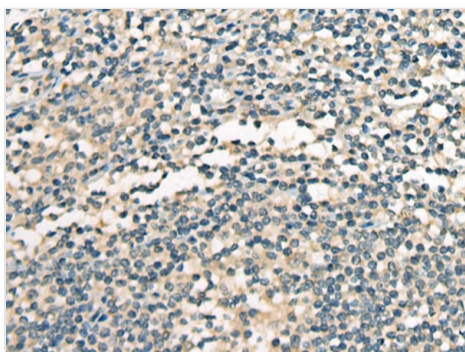
PRODUCT SYNONYMS

CNTNAP2; Polyclonal Antibody; CNTNAP2 Antibody; CDFE; NRXN4; AUTS15; CASPR2; PTHSL1; anti-CNTNAP2 antibody

PRODUCT SPECIFICATIONS

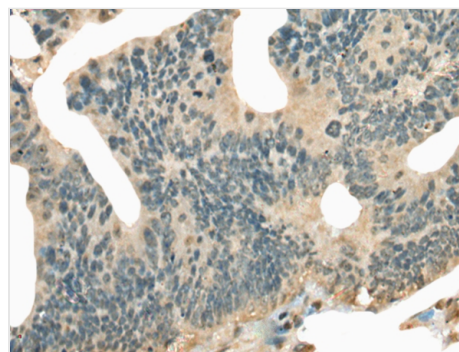
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CNTNAP2 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.8mg/ml (varies by lot)
Sequence Length	4059
Applicable Applications for anti-CNTNAP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human CNTNAP2
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



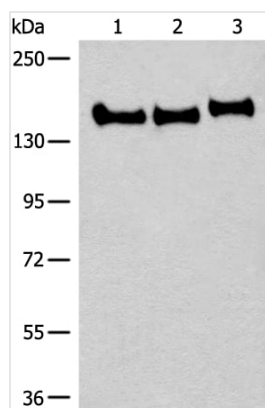
IHC (Immunohistochemisry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 46529(CNTNAP2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohiostchemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46529(CNTNAP2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 6%SDS-PAGE lysate: 40 µl (Eg, Lane 1-3: Rat brain tissue, Mouse brain tissue and Human cerebrum tissue lysates, Primary antibody: 46529E CNTNAP2 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CNTNAP2 antibody	This gene encodes 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 domain, 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. This gene encompasses almost 1.5% of chromosome 7 and is one of the largest genes in the human genome. It is directly bound and regulated by forkhead box protein P2 (FOXP2), a transcription factor related to speech and language development. This gene has been implicated in multiple neurodevelopmental disorders, including Gilles de la Tourette syndrome, schizophrenia, epilepsy, autism, ADHD and mental retardation.
Product Categories/Family for anti-CNTNAP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	109731182
NCBI GeneID	26047
UniProt Accession #	Q9UHC6; Q14DG2; Q52LV1; Q5H9Q7; Q9UQ12; D3DWG2
Molecular Weight	148 kDa
NCBI Official Full Name	Homo sapiens contactin associated protein-like 2, mRNA
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cntnap2-antibody-immunohistochemistry-western-blot-elisa/310384>