

Rabbit CNTN2 Polyclonal Antibody | anti-CNTN2 antibody

CNTN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324641	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

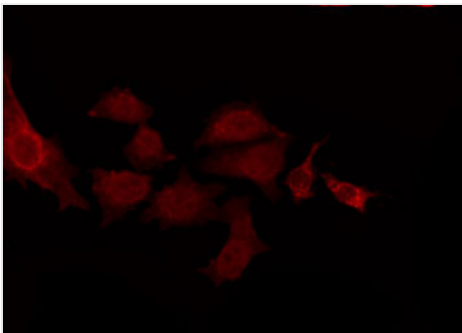
PRODUCT SYNONYMS

CNTN2; Polyclonal Antibody; CNTN2 Antibody; Axonal glycoprotein TAG 1; Axonal glycoprotein TAG-1; Axonal glycoprotein TAG1; Axonin 1; Axonin-1; Axonin1; AXT; CNTN 2; Cntn2; CNTN2_HUMAN; contactin 2 (axonal); Contactin 2; Contactin-2; Contactin2; DKFZp781D102; MGC157722; TAG 1; TAG 564; TAG564; TAX 1; TAX; TAX-1; TAX1; Transient axonal glycoprotein 1; Transiently expressed axonal glycoprotein; anti-CNTN2 antibody

PRODUCT SPECIFICATIONS

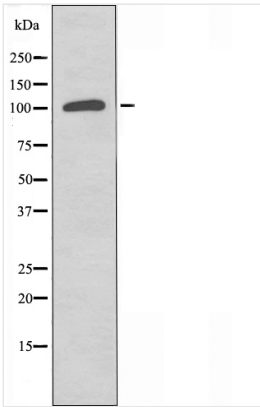
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CNTN2 antibody detects endogenous levels of total CNTN2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1040
Applicable Applications for anti-CNTN2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Plasma Membrane
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324641 staining NIH-3T3 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 NIH-3T3 cells, using CNTN2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CNTN2 antibody	Function: In conjunction with another transmembrane protein, CNTNAP2, contributes to the organization of axonal domains at nodes of Ranvier by maintaining voltage-gated potassium channels at the juxtaparanodal region. May be involved in cell adhesion. Similarity: Belongs to the immunoglobulin superfamily. Contactin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1069415307
NCBI GeneID	6900
NCBI Accession #	NP_001333012.1
NCBI GenBank Nucleotide #	NM_001346083.1
UniProt Accession #	Q02246; P78432; Q5T054
Molecular Weight	Observed: 120 kD Predicted: 114 kDa
NCBI Official Full Name	contactin-2
NCBI Official Synonym Full Names	contactin 2
NCBI Official Symbol	CNTN2
NCBI Official Synonym Symbols	AXT; TAX; TAX1; FAME5; TAG-1
NCBI Protein Information	contactin-2
UniProt Protein Name	Contactin-2
UniProt Gene Name	CNTN2
UniProt Synonym Gene Names	AXT; TAG1; TAX1; TAX-1

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/cntn2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324641>