

CNTN2 Antibody

Catalog No: #34617

Package Size: #34617-1 50ul #34617-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

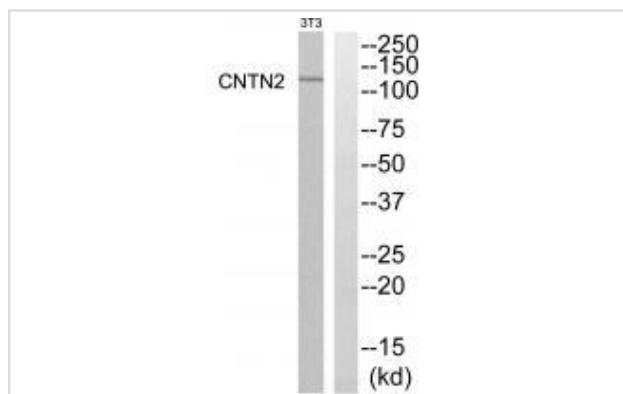
Description

Product Name	CNTN2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CNTN2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CNTN2.
Target Name	CNTN2
Other Names	Contactin-2; Axonin-1; Axonal glycoprotein TAG-1; Transient axonal glycoprotein 1; TAX-1
Accession No.	Swiss-Prot: Q02246NCBI Gene ID: 6900
Uniprot	Q02246
GeneID	6900;
SDS-PAGE MW	120kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from NIH-3T3 cells, using CNTN2 antibody #34617.

Background

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.

Bentley D.R., Nature 441:315-321(2006).

Henzel W.J., Protein Sci. 13:2819-2824(2004).

Smith R.D., J. Proteome Res. 4:2070-2080(2005).

Note: This product is for in vitro research use only