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Datasheet for ABIN949170

anti-CNTNAP2 antibody (AA 1-1331)

2 Images

Overview

Quantity:	100 µL
Target:	CNTNAP2
Binding Specificity:	AA 1-1331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNTNAP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human CNTNAP2 protein.
Immunogen:	CNTNAP2 (NP_054860.1, 1 a.a. ~ 1331 a.a) full-length human protein.
Sequence:	<p>MQAAPRAGCG AALLLWIVSS CLCRAWTAPS TSQKCDEPLV SGLPHVAFSS SSSISGSYSP GYAKINKRGG AGGWSPSDSD HYQWLQVDFG NRKQISAIAT QGRYSSSDWV TQYRMLYSdT GRNWKPYHQD GNIWAFPGNI NSDGVVRHEL QHPIIARYVR IVPLDWNGEG RIGLRIEVYG CSYWADVINF DGHVVLPRF RNKKMKTLDK VIALNFKTSE SEGVILHGEG QQGDYITLLEL KKAKLVLSLN LGSNQLGPIY GHTSVMTGSL LDDHHWHSV IERQGRSINL TLDRSMQHFR TNGEFDYLDL DYEITFGGIP FSGKPSSSSR KNFKGCMESI NYNGVNITDL ARRKKLEPSN VGNSLFSFCVE PYTVPVFNA TSYLEVPGRL NQDLFSVSFQ FRTWNPNGLL VFSHFADNLG NVEIDLTESK VGVHINITQT KMSQIDISSG SGLNDGQWHE VRFLAKENFA ILTIDGDEAS AVRTNSPLQV KTGEKYFFGG FLNQMNSSSH SVLQPSFQGC MQLIQVDDQL VNLVEVAQRK PGSFANVSID MCAIIDRCVP NHCEHGGKCS QTWDSFKCTC DETGYSGATC HNSIYEPSCE</p>

Product Details

AYKHLGQTSN YYWIDPDGSG PLGPLKVYCN MTEDKVVIV SHDLQMOTPV VGYNPEKYSV
TQLVYSASMD QISAITDSAE YCEQYVSYFC KMSRLLNTPD GSPYTWWVGK ANEKHYWGG
SGPGIQKAC GIERNCTDPK YYCNCADADYK QWRKDAGFLS YKDHLVPSQV VVGDTDRQGS
EAKLSVGPLR CQGDRNYWNA ASFPNPSSYL HFSTFQGETS ADISFYFKTL TPWGVFLENM
GKEDFIKLEL KSATEVSFSF DVGNGPVEIV VRSPTPLNDD QWHRVTAERN VKQASLQVDR
LPQQIRKAPT EGHTRLELYS QLFVGGAGGQ QGFLGCIRSL RMNGVTLDLE ERAKVTSGFI
SGCSGHCTSY GTNCENGGKC LERYHGYSCD CSNTAYDGTG CNKDVGAFFE EGMWLRYNFQ
APATNARDSS SRVDNAPDQQ NSHPDLAQEE IRFSFSTTKA PCILLYISSF TTDFLAVLVK
PTGSLQIRYN LGGTREPYN I DVDHRNMANG QPHSVNITRH EKTIFLKLHDH YPSVSYHLPS
SSDTLFNSPK SLFLGKVIET GKIDQEIHKY NTPGFTGCLS RVQFNQIAPL KAALRQTNAS
AHVHIQGELV ESNCGASPLT LSPMSSATDP WHLDHLDAS ADFPYNPGQG QAIRNGVNRN
SAIIGGVIAV VIFTILCTLV FLIRYMFRHK GTYHTNEAKG AESAESADAA IMNNDPNFTE
TIDSKKEWL I

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

Target Details

Target: CNTNAP2

Alternative Name: CNTNAP2 ([CNTNAP2 Products](#))

Background: Full Gene Name: contactin associated protein-like 2
Synonyms: AUTS15,CASPR2,CDFE,DKFZp781D1846,NRXN4

Gene ID: 26047

NCBI Accession: [NM_014141](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

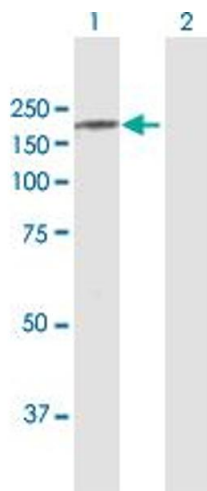
Format: Liquid

Buffer: No additive

Handling

Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

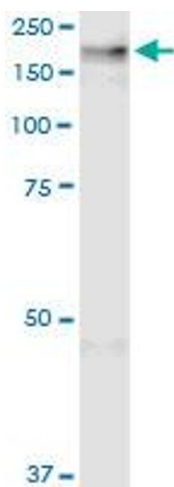


Western Blotting

Image 1. Western Blot analysis of CNTNAP2 expression in transfected 293T cell line by CNTNAP2 MaxPab polyclonal antibody.

Lane 1: CNTNAP2 transfected lysate(148.2 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Image 2. Immunoprecipitation of CNTNAP2 transfected lysate using anti-CNTNAP2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CNTNAP2 purified MaxPab mouse polyclonal antibody (B01P).