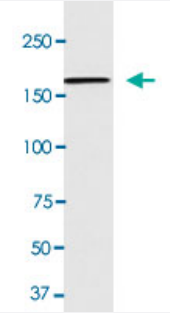
CNTNAP1 monoclonal antibody, clone ACEI-3

Catalog # MAB22285 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of U87 MG cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CNTNAP1.
Immunogen	A synthetic peptide corresponding to human CNTNAP1.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human CNTNAP1, in native form and recombinant. Superfamily members of CNTNAP1 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Western Blot (Cell lysate)

  Western blot analysis of U87 MG cell lysate.

Gene Info — CNTNAP1

Entrez GeneID	8506
Protein Accession#	P78357
Gene Name	CNTNAP1
Gene Alias	CASPR, CNTNAP, NRXN4, P190
Gene Description	contactin associated protein 1
Omim ID	602346
Gene Ontology	Hyperlink
Gene Summary	The gene product was initially identified as a 190-kD protein associated with the contactin-PTPR Z1 complex. The 1,384-amino acid protein, also designated p190 or CASPR for 'contactin-assoc iated protein,' includes an extracellular domain with several putative protein-protein interaction do mains, a putative transmembrane domain, and a 74-amino acid cytoplasmic domain. Northern bl ot analysis showed that the gene is transcribed predominantly in brain as a transcript of 6.2 kb, wi th weak expression in several other tissues tested. The architecture of its extracellular domain is s imilar to that of neurexins, and this protein may be the signaling subunit of contactin, enabling recr uitment and activation of intracellular signaling pathways in neurons. [provided by RefSeq
Other Designations	neurexin 4

Pathway

- Cell adhesion molecules (CAMs)

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Disease

- Birth Weight
- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Mental Disorders

Copyright © 2023 Abnova Corporation. All Rights Reserved.