9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

# Datasheet

## CNTNAP2 monoclonal antibody, clone S67-25 (PerCP)

**Catalog Number:** MAB11923

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against partial recombinant CNTNAP2.

**Clone Name:** S67-25

**Immunogen:** Recombinant fusion protein corresponding to amino acids of 96-1265 at extracellular domain of human CNTNAP2.

**Host:** Mouse

**Reactivity:** Human,Mouse,Rat

**Applications:** IHC, IP, WB
(See our web site product page for detailed applications information)

**Protocols:** See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

**Specificity:** No cross reactivity to CNTNAP2/Paranodin.

**Form:** Liquid

**Conjugation:** PerCP

**Purification:** Protein G Purification

**Isotype:** IgG2a

**Recommend Usage:** Western Blot (1 ug/mL)
Immunocytochemistry (0.1-1 ug/mL)
Immunofluorescence (1-10 ug/mL)
Immunohistochemistry (0.1-1 ug/mL)
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide)

**Storage Instruction:** Store at 4°C.
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 26047

**Gene Symbol:** CNTNAP2

**Gene Alias:** AUTS15, CASPR2, CDFE, DKFZp781D1846, NRXN4

**Gene Summary:** 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 associated with potassium channels. It may play a role in the local differentiation of the axon into distinct functional subdomains. This gene encompasses almost 1.5% of chromosome 7 and is one of the largest genes in the human genome. It may represent a positional candidate gene for the DFNB13 form of nonsyndromic deafness. [provided by RefSeq]