Datasheet

NRXN1 monoclonal antibody (M02), clone 4F7

Catalog Number: H00009378-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant NRXN1.

Clone Name: 4F7

Immunogen: NRXN1 (NP_004792, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
LEFPGAEGQWTRFPKWNACCESEMSFQLKTRSARGL
VLYFDDEGFCDFLELILTRGGRLQLSFSIFCAEPATLLA
DTPVNDGAWHSVRIRRQFRNTTLFI

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Re
(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

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9378

Gene Symbol: NRXN1

Gene Alias: DKFZp313P2036, FLJ35941, Hs.22998, KIAA0578

Gene Summary: Neurexins function in the vertebrate nervous system as cell adhesion molecules and receptors. Two neurexin genes are among the largest known in human (NRXN1 and NRXN3). By using alternate promoters, splice sites and exons, predictions of hundreds or even thousands of distinct mRNAs have been made. Most transcripts use the upstream promoter and encode alpha-neurexin isoforms; fewer transcripts are produced from the downstream promoter and encode beta-neurexin isoforms. Alpha-neurexins contain epidermal growth factor-like (EGF-like) sequences and laminin G domains, and they interact with neurexophilins. Beta-neurexins lack EGF-like sequences and contain fewer laminin G domains than alpha-neurexins. The RefSeq Project has decided to create only a few representative transcript variants of the multitude that are possible. [provided by RefSeq]