

Anti-Neurexin 2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Horse)
Molecular Weight:	Theoretical: 182 kDa. Actual: 35 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Lane 1: Recombinant human Neurexin 2 protein, C-His Primary: Anti-Neurexin 2 (TMAB-09377) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 182 kDa Observed band size: 35 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Neurexin 2
Antigen Species:	Human
Gene ID:	9379
Uniprot ID:	Q9P2S2

Research Background

This gene encodes a member of the neurexin gene family. The products of these genes function as cell adhesion molecules and receptors in the vertebrate nervous system. These genes utilize two promoters. The majority of transcripts are produced from the upstream promoter and encode alpha-neurexin isoforms while a smaller number of transcripts are produced from the downstream promoter and encode beta-neuresin isoforms. The alpha-neurexins contain epidermal growth factor-like (EGF-like) sequences and laminin G domains, and have been shown to interact with neurexophilins. The beta-neurexins lack EGF-like sequences and contain fewer laminin G domains than alpha-neurexins. Alternative splicing and the use of alternative promoters may generate thousands of transcript variants (PMID: 12036300, PMID: 11944992).[provided by RefSeq, Jun 2010]

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