Product Datasheet

NRXN1 Polyclonal Antibody

Catalog No: #27279

Package Size: #27279-1 50ul #27279-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

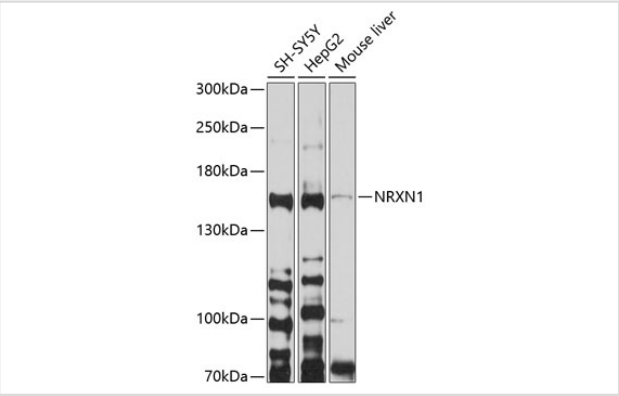
Description

Product Name	NRXN1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human NRXN1 (NP_001129131.1).
Other Names	NRXN1; Hs.22998; PTHSL2; SCZD17; neurexin-1
Accession No.	Swiss-Prot#:P58400/Q9ULB1NCBI Gene ID:9378
Uniprot	P58400
GeneID	9378;
Calculated MW	162kDa
Formulation	Avoid freeze / thaw cycles.|Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using NRXN1 at 1:1000 dilution.

Background

This gene encodes a single-pass type I membrane protein that belongs to the neurexin family. Neurexins are cell-surface receptors that bind neuroligins to form Ca(2+)-dependent neurexin/neuroligin complexes at synapses in the central nervous system. This complex is required for efficient neurotransmission, and is involved in the formation of synaptic contacts. Three members of this gene family have been studied in detail and are estimated to generate over 3,000 variants through the use of two alternative promoters (alpha and beta) and extensive alternative splicing in each

family member. Recently, a third promoter (gamma) was identified for this gene in the 3' region. The RefSeq project has decided to create only a few representative transcript variants of the multitude that are possible. Mutations in this gene are associated with Pitt-Hopkins-like syndrome-2.

Note: This product is for in vitro research use only