OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA302549

Neurexin 1 (NRXN1) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:32,000. WB: 0.05-0.1µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KEKQPSSAKSSNKN, from the C Terminus of the protein sequence according to NP_004792.1 ; NP_620072.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50488 Da
Gene Name:	neurexin 1
Database Link:	NP_620072 Entrez Gene 18189 MouseEntrez Gene 60391 RatEntrez Gene 474589 DogEntrez Gene 9378 Human Q9ULB1

View online »

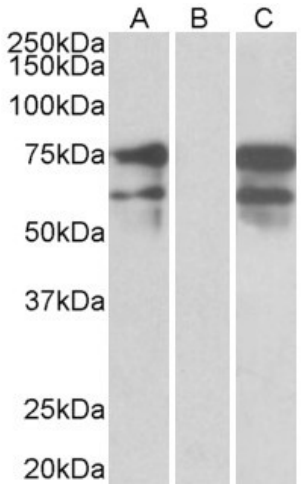
Background: Neurexins function in the vertebrate nervous system as cell adhesion molecules and receptors. Two neurexin genes are among the largest known in human (NRXN1 and NRXN3). By using alternate promoters, splice sites and exons, predictions of hundreds or even thousands of distinct mRNAs have been 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]

Synonyms: Hs.22998; PTHSL2; SCZD17

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs)

Product images:



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human NRXN1 with DYKDDDDK tag probed with TA302549 (0.5ug/ml) in Lane A and probed with anti-DYKDDDDK Tag (1/3000) in lane C. Mock-transfected HEK293 probed with TA302549 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.