10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Neurexin 3 / NRXN3 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF2824a

Specification

Neurexin 3 / NRXN3 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q9Y4C0
Other Accession	NP_004787.2, 9369, 18191 (mouse)
Predicted	**Human, Mouse, Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**180599**

Neurexin 3 / NRXN3 Antibody (internal region) - Additional Information

Gene ID 9369

Other Names
Neurexin-3, Neurexin III-alpha, Neurexin-3-alpha, NRXN3, C14orf60, KIAA0743

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Neurexin 3 / NRXN3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Neurexin 3 / NRXN3 Antibody (internal region) - Protein Information

Name NRXN3

Synonyms C14orf60, KIAA0743

Function
Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling (By similarity).

Cellular Location
Presynaptic cell membrane {ECO:0000250|UniProtKB:Q9CS84}; Single-pass type I membrane protein

Tissue Location
Expressed in the blood vessel walls (at protein level). Highly expressed in brain, lung, and pancreas; a lower level of expression is detectable in heart, placenta, liver, and kidney, whereas no expression can be observed in skeletal muscle. Isoform 4a is heart- specific.

Neurexin 3 / NRXN3 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Neurexin 3 / NRXN3 Antibody (internal region) - Images

Neurexin 3 / NRXN3 Antibody (internal region) - Background

This antibody is expected to recognize the reported isoform 1 (NP_004787.2).

Neurexin 3 / NRXN3 Antibody (internal region) - References

Candidate gene/loci studies in cleft lip/palate and dental anomalies finds novel susceptibility genes for clefts.
susceptibility genes for clefts. Vieira AR, McHenry TG, Daack-Hirsch S, Murray JC, Marazita ML. Genet Med. 2008 Sep;10(9):668-74. PMID: 18978678