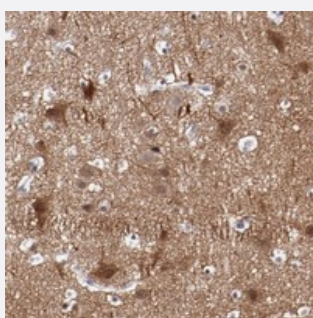


NRXN3 polyclonal antibody

Catalog # PAB20129 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebral cortex with NRXN3 polyclonal antibody (Cat # PAB20129) shows moderate positivity in neuropil and a subset of neuronal cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NRXN3.
Immunogen	Recombinant protein corresponding to amino acids of human NRXN3.
Sequence	LTIFNTQAQIAIGGKDKGRLFQGQLSGLYYDGLKVLNMAAENNPNIKINGSVRLVGEVPSILGTTQTT SMPPEMSTTVMETTTTMTTTRKNRSTASIQPTSDDLVSSEAECSSDDEDFVECEPSTANPTEP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — NRXN3

Entrez GeneID[9369](#)**Protein Accession#**[Q9HDB5](#)**Gene Name**

NRXN3

Gene Alias

KIAA0743, MGC176711

Gene Description

neurexin 3

Omim ID[600567](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Neurexins are a family of proteins that function in the vertebrate nervous system as cell adhesion molecules and receptors. They are encoded by several unlinked genes of which two, NRXN1 and NRXN3, are among the largest known human genes. Three of the genes (NRXN1-3) utilize two alternate promoters and include numerous alternatively spliced exons to generate thousands of distinct mRNA transcripts and protein isoforms. The majority of transcripts are produced from the upstream promoter and encode alpha-neurexin isoforms; a much smaller number of transcripts are produced from the downstream promoter and encode beta-neurexin 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. [provided by RefSeq]

Other Designations

neurexin III

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Alcoholism](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)