

# NRXN3 Rabbit pAb

Catalog No.: A10269

## Basic Information

### Catalog No.

A10269

### Observed MW

140kDa

### Calculated MW

43kDa/47kDa/50kDa/69kDa/117kDa/153kDa/180kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat

## Recommended Dilutions

WB 1:1000 - 1:2000

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Background

This gene encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants and protein isoforms for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences. Genetic variation at this locus has been associated with a range of behavioral phenotypes, including alcohol dependence and autism spectrum disorder.

## Immunogen Information

### Gene ID

9369

### Swiss Prot

Q9HDB5/Q9Y4C0

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 373-432 of human NRXN3 (NP\_620426.2).

### Synonyms

NRXN3;C14orf60

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

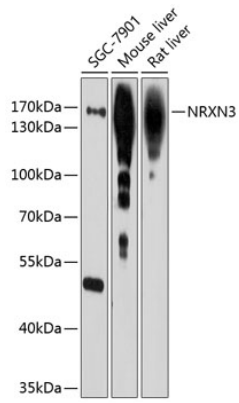
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

---



Western blot analysis of extracts of various cell lines, using NRXN3 antibody (A10269) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.