

Product datasheet

Recombinant Human NMDAR2B protein ab112298

1 Image

Overview

Product name Recombinant Human NMDAR2B protein

Protein length Protein fragment

Description

Nature Recombinant

Source Wheat germ

Amino Acid Sequence

Accession [Q13224](#)

Species Human

Sequence HGGSSMIMADKDESSMFFQFGPSIEQQASVMLNIMEEYDWYIFSIVTTYF
PGYQDFVNKIRSTIENSFVGWELEEVLLLDMSLDDGDSKIQNQLKKLQSP
ILLYCTKEE

Molecular weight 38 kDa including tags

Amino acids 127 to 236

Tags GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab112298** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Biological activity useful for Antibody Production and Protein Array

Applications ELISA
SDS-PAGE
Western blot

Form Liquid

Additional notes useful for Antibody Production and Protein Array

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.79% Tris HCl, 0.31% Glutathione

Note: Glutathione is reduced

General Info

Function

NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine.

Tissue specificity

Primarily found in the fronto-parieto-temporal cortex and hippocampus pyramidal cells, lower expression in the basal ganglia.

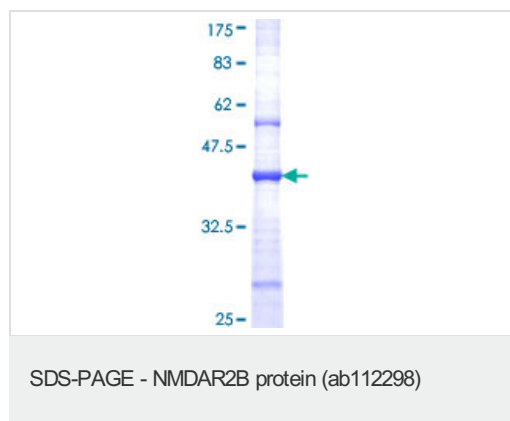
Sequence similarities

Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR2B/GRIN2B subfamily.

Cellular localization

Cell membrane. Cell junction > synapse > postsynaptic cell membrane.

Images



ab112298 analysed on a 12.5% SDS-PAGE stained with Coomassie Blue.

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