

DATASHEET

NRXN3 Rabbit Polyclonal Antibody

CAT. NO. APA16333

KEY FEATURES

| | | | |
|---------------|-----------------------------------------------------------------------------------------------------------|---------------|---------------------|
| Target | NRXN3 | Source / Host | Rabbit |
| Reactivity | Human, Mouse, Rat | Clonality | Polyclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at -20°C |

BACKGROUND

Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling . Functions as part of a trans-synaptic complex by binding to cerebellins and postsynaptic GRID1. This interaction helps regulate the activity of NMDA and AMPA receptors at hippocampal synapses without affecting synapse formation. NRXN3B-CBLN2-GRID1 complex transduce presynaptic signals into postsynaptic AMPAR response .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

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| WB | 1:500 - 1:2000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

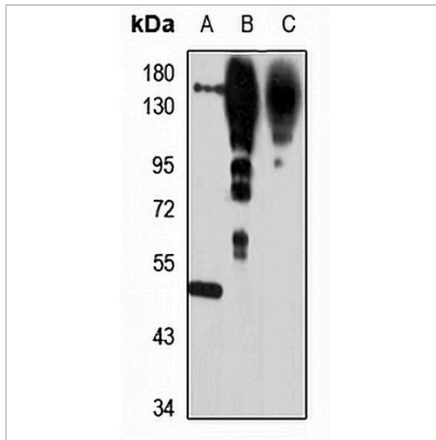
| | |
|-------------------|-----------------------------------------------------------------------------------------------------------|
| Description | Rabbit polyclonal antibody to NRXN3 |
| Specificity | Recognizes endogenous levels of NRXN3 protein |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human NRXN3. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 43; Observed: 140 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | KIAA0743; Neurexin-3-beta; Neurexin III-beta |
| Gene Symbol | NRXN3 |
| Entrez Gene | 9369(Human); 18191(Mouse) |
| SwissProt | Q9HDB5(Human); Q8C985(Mouse) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NRXN3 expression in SGC7901 (A), mouse liver (B), rat liver (C) whole cell lysates. (Predicted band size: 43; 47; 50; 69; 117; 153; 180 kD; Observed band size: 140 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.