

DATASHEET

CHRNB3 Rabbit Polyclonal Antibody

CAT. NO. APA15301

KEY FEATURES

Target	CHRNB3	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

Component of neuronal acetylcholine receptors (nAChRs) that function as pentameric, ligand-gated cation channels with high calcium permeability among other activities. nAChRs are excitatory neurotransmitter receptors formed by a collection of nAChR subunits known to mediate synaptic transmission in the nervous system and the neuromuscular junction. Each nAChR subunit confers differential attributes to channel properties, including activation, deactivation and desensitization kinetics, pH sensitivity, cation permeability, and binding to allosteric modulators that function as pentameric, ligand-gated cation channels with high calcium permeability among other activities.

APPLICATION

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

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

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

PRODUCT OVERVIEW

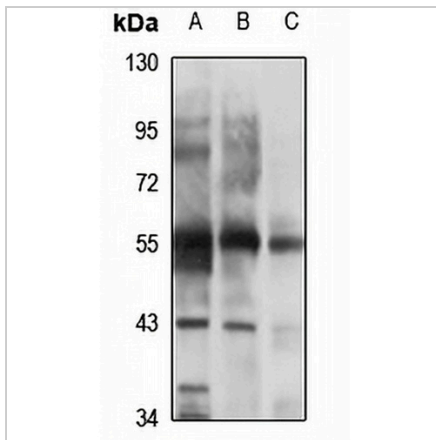
Description	Rabbit polyclonal antibody to CHRNB3
Specificity	Recognizes endogenous levels of CHRNB3 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CHRNB3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 52 kD; Observed: 55 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	Neuronal acetylcholine receptor subunit beta-3
Gene Symbol	CHRNB3
Entrez Gene	1142(Human); 108043(Mouse); 171131(Rat)
SwissProt	Q05901(Human); Q8BMN3(Mouse); P12391(Rat)

*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.

DATASHEET**CHRN3 Rabbit Polyclonal Antibody**

CAT. NO. APA15301

DATA

Western blot analysis of CHRN3 expression in mouse brain (A), mouse eye (B), rat liver (C) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 55 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.