

Datasheet for ABIN926024
anti-CHRNA7 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	CHRNA7
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Chicken, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CHRNA7 antibody was raised in rabbit using the N terminal of CHRNA7 as the immunogen
Cross-Reactivity:	Dog (Canine), Mouse (Murine), Rat (Rattus), Cow (Bovine), Chicken

Target Details

Target:	CHRNA7
Alternative Name:	CHRNA7 (CHRNA7 Products)
Background:	The nicotinic acetylcholine receptors (nAChRs) are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are thought to be hetero-pentamers composed of homologous subunits. The proposed structure for each subunit is a conserved N-terminal extracellular domain followed by three conserved transmembrane domains, a variable cytoplasmic loop, a fourth conserved transmembrane

Target Details

domain, and a short C-terminal extracellular region. Synonyms: Polyclonal CHRNA7 antibody, Anti-CHRNA7 antibody, cholinergic receptor, nicotinic, alpha 7 antibody.

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: WB: 2.5 µg/mL

Optimal conditions should be determined by the investigator.

Comment: CHRNA7 Blocking Peptide, catalog no. 33R-7558, is also available for use as a blocking control in assays to test for specificity of this CHRNA7 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized powder. Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. CHRNA7 antibody (20R-1323) used at 0.2-1 ug/ml to detect target protein.