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## Datasheet for ABIN7468658 **anti-CHRNA1 antibody**

### Overview

Quantity:	100 µL
Target:	CHRNA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human AChR beta 1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	CHRNA1
Alternative Name:	cholinergic receptor nicotinic beta 1 subunit ( <a href="#">CHRNA1 Products</a> )
Background:	Synonyms: cholinergic receptor nicotinic beta 1 subunit , ACHRB , CHRNA , CMS1D , CMS2A , CMS2C , SCCMS Background: The muscle acetylcholine receptor is composed of five subunits: two alpha

## Target Details

subunits and one beta, one gamma, and one delta subunit. This gene encodes the beta subunit of the acetylcholine receptor. The acetylcholine receptor changes conformation upon acetylcholine binding leading to the opening of an ion-conducting channel across the plasma membrane. Mutations in this gene are associated with slow-channel congenital myasthenic syndrome. [provided by RefSeq]

Molecular Weight: 57 kDa

Gene ID: 1140

UniProt: [P11230](#)

Pathways: [Synaptic Membrane](#)

## Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: MCF-7

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.