

Datasheet for ABIN7440482
anti-CHRNA1 antibody (AA 21-255)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CHRNA1
Binding Specificity:	AA 21-255
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 1 (CHRNA1)
Immunogen:	Recombinant Cholinergic Receptor, Nicotinic, Alpha 1 (CHRNA1) corresponding to Ser21~Leu255 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CHRNA1. It has been selected for its ability to recognize CHRNA1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

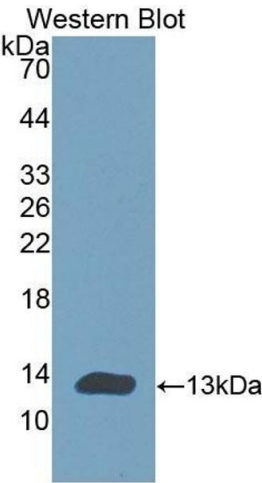
Target:	CHRNA1
Alternative Name:	Cholinergic Receptor, Nicotinic, Alpha 1 (CHRNA1 Products)
Background:	CHR-NA1, N-AChRA1, NACHRA1, ACHRA, ACHRD, CMS2A, FCCMS, SCCMS, Acetylcholine receptor subunit alpha, N-AChR-A1, Neuronal Acetylcholine Receptor Alpha 1, Muscle
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant CHRNa1, Human using Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 1 (CHRNa1)