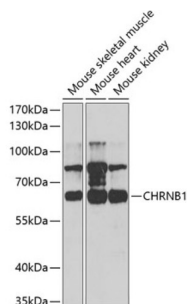


Cholinergic Receptor, Nicotinic Beta 1 (CHRNA1) Antibody

Catalogue No.: abx004045



Western blot analysis of extracts of various cell lines using CHRNA1 Antibody (1/1000 dilution).

CHRNA1 Antibody is a Rabbit Polyclonal antibody against CHRNA1. The muscle acetylcholine receptor is composed of five subunits: two alpha 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.

Target:	Cholinergic Receptor, Nicotinic Beta 1 (CHRNA1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human CHRNA1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P11230 (UniProt , ExPASy)

Datasheet

Version: 4.0.0

Revision date: 24 Jun 2025



Gene Symbol: CHRNA1

GeneID: [1140](#)

NCBI Accession: NP_000738.2

KEGG: hsa:1140

String: [9606.ENSP00000304290](#)

Molecular Weight: Calculated MW: 49 kDa/56 kDa
Observed MW: 63 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only