



[Go to Product page](#)

Datasheet for ABIN3017240  
**anti-CHRNA10 antibody (AA 25-240)**

1 Image

Overview

Quantity:	100 µL
Target:	CHRNA10
Binding Specificity:	AA 25-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 25-240 of human CHRNA10 (NP_065135.2).
Sequence:	AEGRLALKLF RDLFANYTSA LRPVADTDQT LNVTLVTLTSL QIIDMDERNQ VLTLYLWIRQ EWTDAYLRWD PNAYGGLDAI RIPSSLVWRP DIVLYNKADA QPPGSASTNV VLRHDGAVRW DAPAITRSSC RVDVAAFPPD AQHCGLTFGS WTHGGHQLDV RPRGAAASLA DFVENVEWRV LGMPARRRVL TYGCCSEPPY DVTFTLLLR RAAAYV
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	CHRNA10
Alternative Name:	CHRNA10 ( <a href="#">CHRNA10 Products</a> )
Background:	<p>Ionotropic receptor with a probable role in the modulation of auditory stimuli. Agonist binding may induce an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The channel is permeable to a range of divalent cations including calcium, the influx of which may activate a potassium current which hyperpolarizes the cell membrane. In the ear, this may lead to a reduction in basilar membrane motion, altering the activity of auditory nerve fibers and reducing the range of dynamic hearing. This may protect against acoustic trauma.,CHRNA10,Signal Transduction,Neuroscience,Calcium Signaling,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,CHRNA10</p>
Molecular Weight:	49 kDa
Gene ID:	57053
UniProt:	<a href="#">Q9GZZ6</a>
Pathways:	<a href="#">Sensory Perception of Sound</a> , <a href="#">Synaptic Membrane</a>

## Application Details

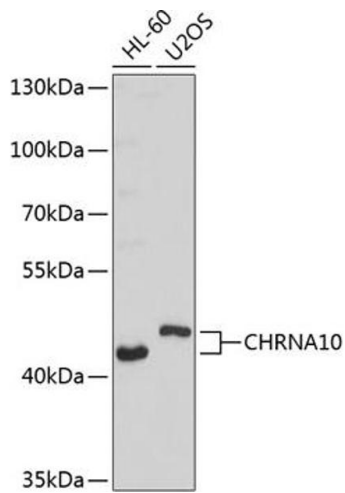
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Application Notes:	WB,1:200 - 1:1000
Restrictions:	For Research Use only

## Handling

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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using CHRN antibody (ABIN3017239, ABIN3017240, ABIN3017241 and ABIN6220007) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.