

Anti-CHRNA10 Antibody
Rabbit polyclonal antibody to CHRNA10
Catalog # AP59856**Specification**

Anti-CHRNA10 Antibody - Product Information

Application	WB
Primary Accession	O9GZZ6
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49705

Anti-CHRNA10 Antibody - Additional Information**Gene ID** 57053**Other Names**

NACHRA10; Neuronal acetylcholine receptor subunit alpha-10; Nicotinic acetylcholine receptor subunit alpha-10; NACHR alpha-10

Target/Specificity

Recognizes endogenous levels of CHRNA10 protein.

Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CHRNA10 Antibody - Protein Information**Name** CHRNA10**Synonyms** NACHRA10**Function**

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.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

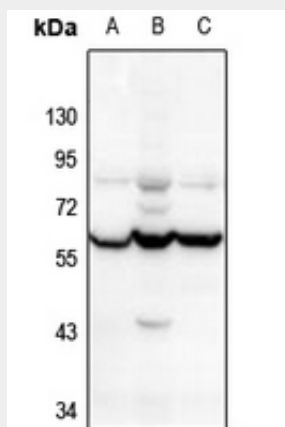
Tissue Location

Expressed in inner-ear tissue, tonsil, immortalized B-cells, cultured T-cells and peripheral blood lymphocytes

Anti-CHRNA10 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CHRNA10 Antibody - Images

Western blot analysis of CHRNA10 expression in Jurkat (A), K562 (B), THP1 (C) whole cell lysates.

Anti-CHRNA10 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CHRNA10. The exact sequence is proprietary.