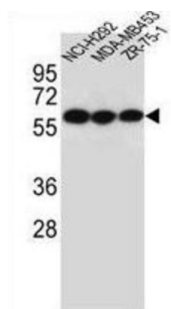
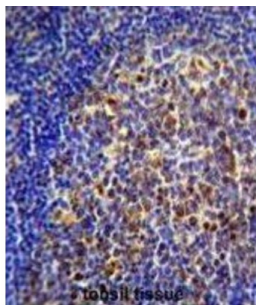


Cholinergic Receptor, Nicotinic Alpha 10 (CHRNA10) Antibody

Catalogue No.: abx026642



CHRNA10 is an 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.

Target: Cholinergic Receptor, Nicotinic Alpha 10 (CHRNA10)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 179-206 amino acids from the Central region of human CHRNA10.

Isotype: IgG

Datasheet

Version: 2.0.0
Revision date: 20 Jul 2025



Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9GZZ6 (UniProt , ExPASy)
Gene Symbol:	CHRNA10
String:	9606.ENSP00000250699
Molecular Weight:	Calculated MW: 49.7 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat CHRNA10.
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