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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000,  
IHC:1:20-1:200

**Protein Background:**

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.

**Gene ID:**

CHRNA10

**Uniprot**

Q9GZZ6

**Synonyms:**

Neuronal acetylcholine receptor subunit alpha-10 (Nicotinic acetylcholine receptor subunit alpha-10) (NACHR alpha-10), CHRNA10, NACHRA10

**Immunogen:**

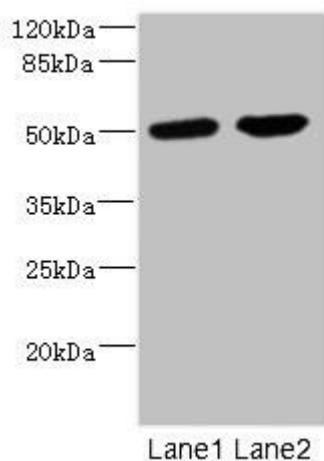
Recombinant Human Neuronal acetylcholine receptor subunit alpha-10 protein (25-240AA).

**Storage:**

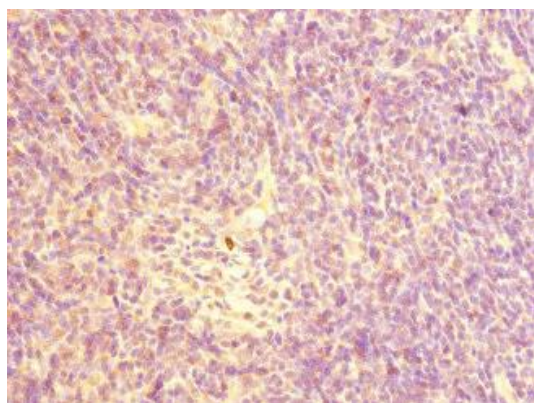
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

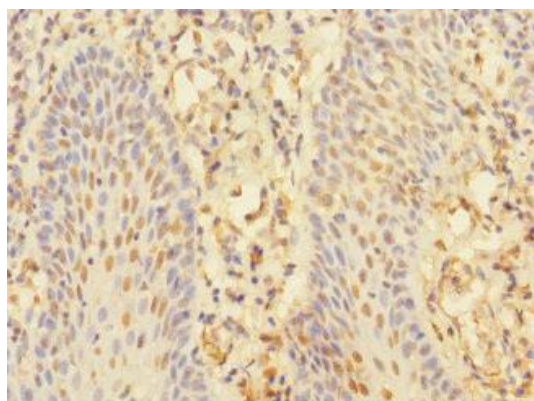
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Western blot. All lanes: CHRNA10 antibody at 0.57 $\mu$ g/ml. Lane 1: Jurkat whole cell lysate. Lane 2: A549 whole cell lysate. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 50 kDa. Observed band size: 50 kDa.



Immunohistochemistry of paraffin-embedded human thymus tissue using PACO45419 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human tonsil tissue using PACO45419 at dilution of 1:100.