# CHRNA10 polyclonal antibody

Catalog: BS61678 Host: Rabbit Reactivity: Human

## BackGround:

Neuronal acetylcholine receptor subunit alpha-10, 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.

## Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

## Molecular Weight:

~ 50 kDa

## Swiss-Prot:

Q9GZZ6

## Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

## Applications:

WB: 1:500~1:1000

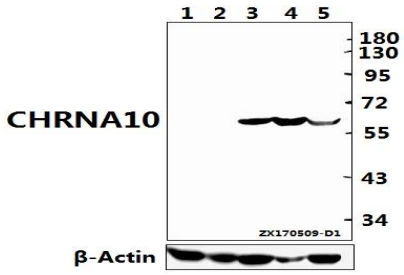
## Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

## Specificity:

CHRNA10 polyclonal antibody detects endogenous levels of CHRNA10 protein.

## DATA:




Western blot (WB) analysis of CHRNA10 polyclonal antibody at 1:500 dilution

Lane1:H9C2 whole cell lysate(40ug)

Lane2:RAW264.7 whole cell lysate(40ug)

Lane3:Jurkat whole cell lysate(40ug)

Lane4:K562 whole cell lysate(40ug)

Lane5:THP-1 whole cell lysate(40ug)

## Note:

For research use only, not for use in diagnostic procedure.

**Bioworld Technology, Inc.**
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

**Bioworld technology, co. Ltd.**
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151