

CHRNA10 Antibody

Catalog No: #34857

Package Size: #34857-1 50ul #34857-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

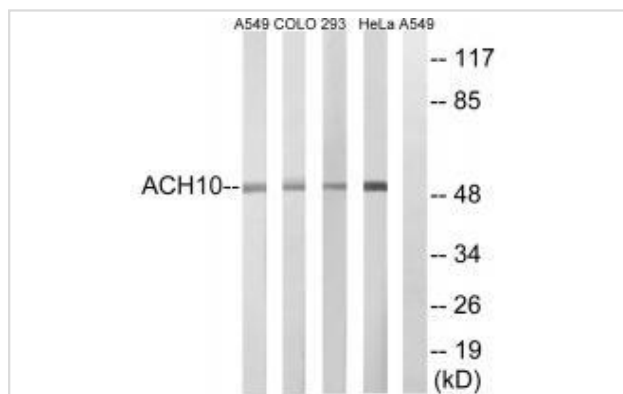
Description

Product Name	CHRNA10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total CHRNA10 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human CHRNA10.
Target Name	CHRNA10
Other Names	ach10; cholinergic receptor; nicotinic; alpha 10; chrna10
Accession No.	Swiss-Prot: Q9GZZ6NCBI Gene ID: 57053
Uniprot	Q9GZZ6
GeneID	57053;
SDS-PAGE MW	50kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from A549 cells, COLO cells, HeLa cells and 293 cells, using CHRNA10 antibody #34857.

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.

Sgard F., Mol. Pharmacol. 61:150-159(2002).

Lustig L.R., Genomics 73:272-283(2001).

Vandenberk I., Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only