CHRNA10 Antibody

Catalog No: #34857

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



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

ApplicationsWBSpecies ReactivityHu MsSpecificityThe antibody detects endogenous levels of total CHRNA10 protein.Immunogen TypePeptideImmunogen DescriptionSynthesized peptide derived from C-terminal of human CHRNA10.Target NameCHRNA10Other Namesach10; cholinergic receptor; nicotinic; alpha 10; chrna10Accession No.Swiss-Prot: Q9GZZ6NCBI Gene ID: 57053UniprotQ9GZZ6GeneID57053;SDS-PAGE MW50kdLong/ml1.0mg/ml	Description	
ClonalityPolyclonalPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-speci- immunogen.ApplicationsWBSpecies ReactivityHu MsSpecificityThe antibody detects endogenous levels of total CHRNA10 protein.Immunogen TypePeptideImmunogen DescriptionSynthesized peptide derived from C-terminal of human CHRNA10.Target NameCHRNA10Other Namesach10; cholinergic receptor; nicotinic; alpha 10; chrna10Accession No.Swiss-Prot: Q9GZZ6NCBI Gene ID: 57053UniprotQ9GZZ6GeneID57053;SDS-PAGE MWSokdConcentration1.0mg/ml	Product Name	CHRNA10 Antibody
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Accession No.Swiss-Prot: Q9GZZ6NCBI Gene ID: 57053UniprotQ9GZ26GeneID57053;SDS-PAGE MW50kdConcentration1.0mg/ml	Target Name	CHRNA10
UniprotQ9GZZ6GeneID57053;SDS-PAGE MW50kdConcentration1.0mg/ml	Other Names	ach10; cholinergic receptor; nicotinic; alpha 10; chrna10
GeneID57053;SDS-PAGE MW50kdConcentration1.0mg/ml	Accession No.	Swiss-Prot: Q9GZZ6NCBI Gene ID: 57053
SDS-PAGE MW 50kd Concentration 1.0mg/ml	Uniprot	Q9GZZ6
Concentration 1.0mg/ml	GenelD	57053;
	SDS-PAGE MW	50kd
Formulation Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium	Concentration	1.0mg/ml
	Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide
and 50% glycerol.		and 50% glycerol.
Storage Store at -20°C	Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images

A549 COLO 293 H	eLa A549
	117
	85
ACH10	48
	34
	26
	19
	(kD)

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