

For Research Use Only

CHRNA10 Polyclonal antibody

Catalog Number: 55291-1-AP



Basic Information

Catalog Number: 55291-1-AP	GenBank Accession Number: NM_020402	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 407 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57053	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: cholinergic receptor, nicotinic, alpha 10	
Isotype: IgG	Calculated MW: 50 kDa	
	Observed MW: 50-52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Raji cells, Jurkat cells
Species Specificity: human, mouse, rat	

Background Information

CHRNA10, also named as NACHRA10, belongs to the ligand-gated ion channel (TC 1.A.9) family, Acetylcholine receptor (TC 1.A.9.1) subfamily and Alpha-10/CHRNA10 sub-subfamily. It is an ionotropic receptor with a probable role in the modulation of auditory stimuli. In the ear, CHRNA10 may lead to a reduction in basilar membrane motion, altering the activity of auditory nerve fibers and reducing the range of dynamic hearing. It may protect against acoustic trauma. This antibody is specific to CHRNA10.

Storage

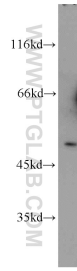
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 55291-1-AP (CHRNA10 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.