

For Research Use Only

CHRNA9 Recombinant monoclonal antibody

Catalog Number: 87585-1-RR



Basic Information

Catalog Number: 87585-1-RR	GenBank Accession Number: BC113549	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55584	CloneNo.: 252931C6
Source: Rabbit	UNIPROT ID: Q9UGM1	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: cholinergic receptor, nicotinic, alpha 9	
Immunogen Catalog Number: AG23272	Calculated MW: 479 aa, 55 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, mouse skin tissue, rat skin tissue
Species Specificity: human, mouse, rat	

Background Information

CHRNA9 (nicotinic α9 subunit of cholinergic receptor) gene is located in zone 4 (4p14) of short arm 1 of human chromosome 4, encoding a ligand-gated divalent cation channel protein, belonging to the nicotinic acetylcholine receptor (nAChR) superfamily. This subunit can be combined with CHRNA10 subunit to form a heteropentamer or a homopentamer, which is mainly distributed in cochlear outer hair cells, dorsal root ganglion, keratinocytes and immune cells.

Storage

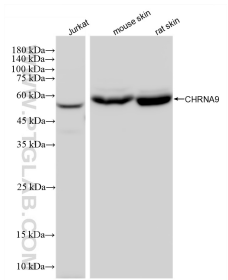
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

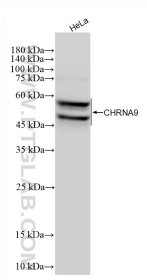
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87585-1-RR (CHRNA9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



HeLa cells were subjected to SDS PAGE followed by western blot with 87585-1-RR (CHRNA9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.