

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
Source: Rabbit	GeneID (NCBI): 55584	CloneNo.: 252931C6
Isotype: IgG	UNIPROT ID: Q9UGM1	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG23272	Full Name: cholinergic receptor, nicotinic, alpha 9	
	Calculated MW: 479 aa, 55 kDa	
	Observed MW: 50-55 kDa	

Applications

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

Background Information

CHRNA9 (nicotinic α 9 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

For technical support and original validation data for this product please contact:

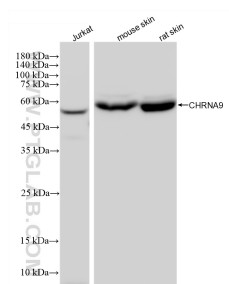
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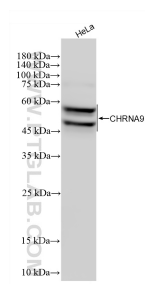
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Selected Validation Data



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.