

For Research Use Only

CHRNA9 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87585-1-PBS



Basic Information

Catalog Number:

87585-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23272

GenBank Accession Number:

BC113549

GeneID (NCBI):

55584

UNIPROT ID:

Q9UGM1

Full Name:

cholinergic receptor, nicotinic, alpha 9

Calculated MW:

479 aa, 55 kDa

Observed MW:

50-55 kDa

Purification Method:

Protein A purification

CloneNo.:

252931C6

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

CHRNA9 (nicotinic $\alpha 9$ 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 -80°C .

Storage Buffer:

PBS only, pH7.3

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

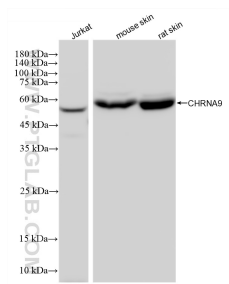
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

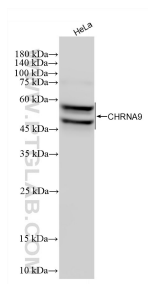
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Selected Validation Data



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. This data was developed using the same antibody clone with 87585-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 87585-1-PBS in a different storage buffer formulation.