

For Research Use Only

CHRNA10 Polyclonal antibody

Catalog Number: 55291-1-AP



Basic Information

Catalog Number:

55291-1-AP

Size:

150ul , Concentration: 600 ug/ml by Nanodrop and 407 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_020402

GeneID (NCBI):

57053

UNIPROT ID:

Q9GZZ6

Full Name:

cholinergic receptor, nicotinic, alpha 10

Calculated MW:

50 kDa

Observed MW:

50-52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Raji cells, Jurkat cells

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

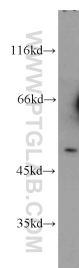
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Selected Validation Data



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.