

For Research Use Only

CHRNA5 Polyclonal antibody

Catalog Number: 13516-1-AP



Basic Information

Catalog Number:

13516-1-AP

Size:

150ul, Concentration: 240 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4447

GenBank Accession Number:

BC033639

GeneID (NCBI):

1138

UNIPROT ID:

P30532

Full Name:

cholinergic receptor, nicotinic, alpha 5

Calculated MW:

468 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : Jurkat cells, A431 cells, A549 cells, mouse bladder tissue, mouse stomach tissue

Background Information

Nicotinic acetylcholine receptors (nAChRs), such as CHRNA5, are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are thought to be (hetero)pentamers composed of homologous subunits. Variants in the CHRNA5 gene are associated with nicotine dependence and lung cancer risk.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

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

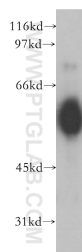
For technical support and original validation data for this product please contact:

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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 13516-1-AP (CHRNA5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.