

For Research Use Only

CHRNA5 Polyclonal antibody

Catalog Number: 13516-1-AP



Basic Information

Catalog Number: 13516-1-AP	GenBank Accession Number: BC033639	Purification Method: Antigen affinity purification
Size: 240 µg/ml	GeneID (NCBI): 1138	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P30532	
Isotype: IgG	Full Name: cholinergic receptor, nicotinic, alpha 5	
Immunogen Catalog Number: AG4447	Calculated MW: 468 aa, 53 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, A431 cells, A549 cells, mouse bladder tissue, mouse stomach tissue
Species Specificity: human, mouse, rat	

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

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

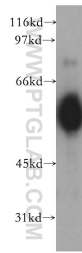
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Selected Validation Data



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.