

For Research Use Only

CHRNA5 Monoclonal antibody, PBS Only



Catalog Number: 66363-1-PBS

Featured Product

Basic Information

Catalog Number:

66363-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG2a

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:

Protein A purification

CloneNo.:

3G8C11

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, pig

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 -80°C.

Storage Buffer:

PBS Only

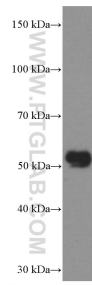
For technical support and original validation data for this product please contact:

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

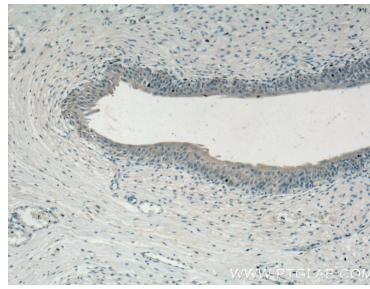
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

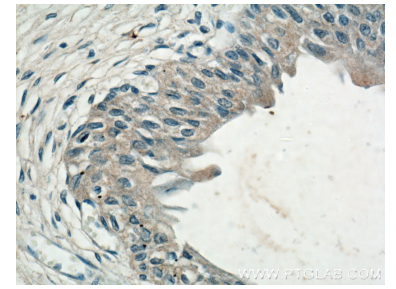
Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 66363-1-Ig (CHRNA5 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66363-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human bladder tissue slide using 66363-1-Ig (CHRNA5 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 66363-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human bladder tissue slide using 66363-1-Ig (CHRNA5 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66363-1-PBS in a different storage buffer formulation.