

For Research Use Only

GLRA3 Polyclonal antibody

Catalog Number: **13145-1-AP**

2 Publications



Basic Information

Catalog Number:

13145-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3702

GenBank Accession Number:

BC036086

GeneID (NCBI):

8001

UNIPROT ID:

O75311

Full Name:

glycine receptor, alpha 3

Calculated MW:

464 aa, 54 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : MCF7 cells,

Background Information

Glycine is an inhibitory neurotransmitter in the central nervous system. The glycine receptor (GlyR) is a member of the nicotinic acetylcholine receptor of ligand-gated ion channels. This receptor has important roles in a variety of physiological processes, especially in mediating inhibitory neurotransmission in the spinal cord and brain stem. GlyR is a pentameric receptor comprised of alpha and beta subunits. Four alpha-subunits (GLRA1, GLRA2, GLRA3, GLRA4) and one beta-subunit (GLRB) of GlyR have been identified. (PMID: 11409700; 15383648)

Notable Publications

Author	Pubmed ID	Journal	Application
Zi-Yang Zhang	30721695	Neuropharmacology	WB
Zi-Yang Zhang	31433808	PLoS Biol	WB

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:

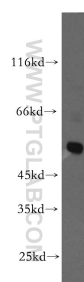
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



MCF7 cells were subjected to SDS PAGE followed by western blot with 13145-1-AP (GLRA3 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.