

For Research Use Only

GLRA3 Polyclonal antibody

Catalog Number: 13145-1-AP **2 Publications**



Basic Information

Catalog Number: 13145-1-AP	GenBank Accession Number: BC036086	Purification Method: Antigen affinity purification
Size: 133 µg/ml	GeneID (NCBI): 8001	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O75311	
Isotype: IgG	Full Name: glycine receptor, alpha 3	
Immunogen Catalog Number: AG3702	Calculated MW: 464 aa, 54 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF7 cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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:

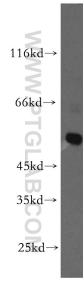
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Selected Validation Data



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.