

GLRA3 Polyclonal Antibody

Catalog number: 13145-1-AP

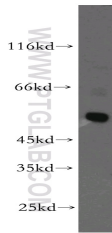
Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

GLRA3; GLRA3, glycine receptor, alpha 3



MCF7 cells were subjected to SDS PAGE followed by western blot with 13145-1-AP (GLRA3 antibody) at dilution of 1:200

Background

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)

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated GLRA3 MW:	464aa, 54 kDa
Observed GLRA3 MW:	54kd
Positive WB detected in	MCF7 cells
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3702
GenBank accession number:	BC036086
Gene ID (NCBI):	8001
Full name:	Glycine receptor, alpha 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.