



Goat anti-Rat alpha 1 Glycine Receptor polyclonal antibody (DPABH-28866)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The glycine receptor is a neurotransmitter-gated ion channel. Binding of glycine to its receptor increases the chloride conductance and thus produces hyperpolarization (inhibition of neuronal firing).
Specificity	The immunizing peptide represents part of the cytoplasmic domain. DPABH-28866 is not expected to cross-react with other glycine receptor alpha proteins.
Immunogen	Synthetic peptide, corresponding to internal sequence amino acids 373-386 of Rat alpha 1 Glycine Receptor, isoform 2 (NP_037265.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	200 µl
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	GLRA1 glycine receptor, alpha 2 [Rattus norvegicus]
Official Symbol	GLRA1
Synonyms	GLRA1; glycine receptor, alpha 1; GLYRA1; glycine receptor subunit alpha-1; glycine receptor 48 kDa subunit; glycine receptor, alpha 1 subunit; glycine receptor strychnine-binding subunit;
Entrez Gene ID	25674
Protein Refseq	NP_037265.1
UniProt ID	P07727
Pathway	Ion channel transport; Neuroactive ligand-receptor interaction; Transmembrane transport of small molecules.
Function	extracellular-glycine-gated chloride channel activity; extracellular-glycine-gated chloride channel activity; contributes_to extracellular-glycine-gated chloride channel activity; extracellular-glycine-gated chloride channel activity