



# Anti-GLRA3 (aa 131-180) polyclonal antibody (DPABH-27743)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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).
<b>Immunogen</b>	Synthetic peptide corresponding to a region within internal sequence amino acids 131-180 (SLDLDP SMLD SIWKPD LFFA NEKGANFHEV TTDNKLLRIF KNGNVLYSIR) of Mouse Glycine Receptor alpha 3 (NP_536686).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituents: 97% PBS, 2% Sucrose
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">GLRA3 glycine receptor, alpha 4 subunit [ Mus musculus ]</a>
Official Symbol	GLRA3
Synonyms	GLRA3; glycine receptor, alpha 3 subunit; glycine receptor subunit alpha-3;
Entrez Gene ID	<a href="#">110304</a>
Protein Refseq	<a href="#">NP_536686.2</a>
UniProt ID	<a href="#">G5E811</a>
Pathway	Ion channel transport; Neuroactive ligand-receptor interaction; Transmembrane transport of small molecules;
Function	chloride channel activity; extracellular ligand-gated ion channel activity; extracellular-glycine-gated chloride channel activity; glycine binding