

ARG58893 anti-Glycine Receptor alpha 2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Glycine Receptor alpha 2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Glycine Receptor alpha 2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 350-420 of Human Glycine Receptor alpha 2 (NP_002054.1).
Conjugation	Un-conjugated
Alternate Names	GLR; Glycine receptor subunit alpha-2

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse spinal cord	
Observed Size	52 kDa	

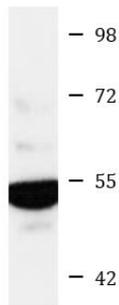
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GLRA2
Gene Full Name	glycine receptor, alpha 2
Background	The glycine receptor consists of two subunits, alpha and beta, and acts as a pentamer. The protein encoded by this gene is an alpha subunit and can bind strychnine. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]
Function	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). [UniProt]
Calculated Mw	52 kDa
Cellular Localization	Cell junction, Cell membrane, Multi-pass membrane protein, postsynaptic cell membrane, synapse. [UniProt]

Images



Mouse spinal cord

ARG58893 anti-Glycine Receptor alpha 2 antibody WB image

Western blot: 25 µg of Mouse spinal cord lysate stained with ARG58893 anti-Glycine Receptor alpha 2 antibody at 1:1000 dilution.