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Datasheet for ABIN7154191

anti-GLRB antibody (AA 355-472) (Biotin)

Overview

Quantity:	100 µg
Target:	GLRB
Binding Specificity:	AA 355-472
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLRB antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Glycine receptor subunit beta protein (355-472AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GLRB
Alternative Name:	GLRB (GLRB Products)
Background:	Background: Glycine receptors are ligand-gated chloride channels. GLRB does not form ligand-gated ion channels by itself, but is part of heteromeric ligand-gated chloride channels. Channel

Target Details

opening is triggered by extracellular glycine (PubMed:8717357, PubMed:15302677, PubMed:16144831, PubMed:22715885, PubMed:25445488, PubMed:11929858, PubMed:23238346). Heteropentameric channels composed of GLRB and GLRA1 are activated by lower glycine levels than homopentameric GLRA1 (PubMed:8717357). Plays an important role in the down-regulation of neuronal excitability (PubMed:11929858, PubMed:23238346). Contributes to the generation of inhibitory postsynaptic currents (PubMed:25445488).
Aliases: GLRBGlycine receptor subunit beta antibody, Glycine receptor 58 kDa subunit antibody

UniProt: [P48167](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.