

[Go to Product page](#)

Datasheet for ABIN2017608 **anti-GLRA1 antibody (N-Term)**

Overview

Quantity:	100 µg
Target:	GLRA1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal

Product Details

Immunogen:	KLH-coupled synthetic peptide from N-terminal of human alpha 1 Glycine Receptor
Isotype:	IgG
Specificity:	Alpha 1 Glycine Receptor Antibody, pAb, Rabbit detects endogenous levels of mouse alpha 1 Glycine Receptor.
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	It is predicted to react with human alpha 1 Glycine Receptor according to sequence homology. Reactivity to other species is not tested yet.
Characteristics:	alpha 1 Glycine Receptor Antibody, pAb, Rabbit is developed in rabbit using a KLH-coupled synthetic peptide from N-terminal of human alpha 1 Glycine Receptor (Swiss Prot: P23415).
Purification:	Immunoaffinity chromatography

Target Details

Target:	GLRA1
---------	-------

Target Details

Abstract:	GLRA1 Products
Background:	The glycine receptor is a neurotransmitter-gated ion channel. Glycine is an important inhibitory transmitter in the brainstem and spinal cord. Binding of glycine to its receptor increases the chloride conductance and thus produces hyperpolarization. The alpha-1 subunit of the glycine receptor is a ligand-gated chloride channel. This inhibitory glycine receptor mediates postsynaptic inhibition in the spinal cord and other regions of the central nervous system. It is a pentameric receptor composed of alpha and beta subunits. Defects in alpha 1 Glycine Receptor are implicated in the pathophysiology of startle disease (STHE).
Molecular Weight:	Predicted Band Size: 52 KD Observed Band Size: 48 KD
UniProt:	P23415
Pathways:	Synaptic Membrane

Application Details

Comment:	Positive Control: Mouse brain
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute the lyophilized powder with deionized water (or equivalent) to an antibody concentration of 0.5 mg/mL.
Concentration:	0.5 mg/mL
Buffer:	Lyophilized with PBS, pH 7.4, containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing cycles.
Storage:	4 °C/-20 °C
Storage Comment:	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below.