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Datasheet for ABIN7114691  
**anti-GLRa2 antibody**

### Overview

Quantity:	100 µg
Target:	GLRa2
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLRa2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	glycine receptor, alpha 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	GLRa2
Alternative Name:	GLRA2 ( <a href="#">GLRa2 Products</a> )
Background:	Synonyms:GLR, GLRA2, glycine receptor, alpha 2 Background:Glycine receptors are ligand-gated chloride channels. Channel opening is triggered by extracellular glycine(PubMed:2155780, PubMed:15302677, PubMed:16144831, PubMed:23895467, PubMed:25445488). Channel opening is also triggered by taurine and beta-

## Target Details

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alanine(PubMed:15302677). Plays a role in the down-regulation of neuronal excitability.  
Contributes to the generation of inhibitory postsynaptic currents(PubMed:25445488). Plays a role in cellular responses to ethanol(PubMed:23895467).

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Molecular Weight: 48 kDa

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Gene ID: 2742

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UniProt: [P23416](#)

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Pathways: [Synaptic Membrane](#)

## Application Details

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Application Notes: WB: 1:500-1:1000, IHC: 1:20-1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months