

Datasheet for ABIN800898

anti-GRIA2 antibody (pSer880)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GRIA2
Binding Specificity:	pSer880
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Gria2 around the phosphorylation site of Ser880
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	GRIA2
Alternative Name:	Gria2 (GRIA2 Products)

Target Details

Background:	<p>Synonyms: Glutamate receptor 2 PrecursorSer880, Gria2, Glur-2, GluR-B, Glur2, GluR-2, GluR-K2, Glutamate receptor 2, Glutamate receptor ionotropic, AMPA 2, glutamate receptor, ionotropic, N-methyl D-aspartate 1, NMDA receptor subunit , AMPA-selective glutamate receptor 2.</p> <p>Background: Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to a family of glutamate receptors that are sensitive to alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate(AMPA), and function as ligand-activated cation channels. These channels are assembled from 4 related subunits, Gria1-4. The subunit encoded by this gene (Gria2) is subject to RNA editing(CAG->CGG, Q->R) within the second transmembrane domain, which is thought to render the channel impermeable to Ca(2+).</p> <p>Alternative splicing, resulting in transcript variants encoding different isoforms, (including the flip and flop isoforms that vary in their signal transduction properties), has been noted for this gene.</p>
Gene ID:	2891
Pathways:	PI3K-Akt Signaling

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months