.-online.com antibodies

Datasheet for ABIN6261987 anti-GRIA2 antibody (C-Term)

2 Images



Overview

Quantity:	100 µL
Target:	GRIA2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human GluR2, corresponding to a region within C-terminal amino acids.
lsotype:	lgG
Specificity:	GluR2 Antibody detects endogenous levels of total GluR2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:

GRIA2

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6261987 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Altenative Name GRIA2 (GRIA2 Products) Background: Description: Receptor for glutamate that functions as ligand-gated ion channel in the central nervous system and plays an important role in excitatory synaptic transmission. L-glutamate acts as an excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the excitatory neurotransmitter L-glutamate induces a conformation change, leading inpulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate. Through complex formation with NSG1, GRIP1 and STX12 controls the intracelular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting (By similarity). Gene: GRIA2 Molecular Weight: 99xDa Quene ID: 2891 Pathways: PdSKAkt Signaling Application Details: Not Research Use only Application Details: Presearch Use only Handling Uquid Poreserative: Rabit IgO in phosphate buffered saline, pH 74, 150 mM NaG1, 022 % soduum azide and 50% giverol. Preservative: Soduum azide: pP 050000000000000000000000000000000000	Target Details		
Inervous system and plays an important role in excitatory synaptic transmission. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitives rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate. Through complex formation with NSG1, GRIP1 and STX12 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 Molecular Weight: 99kDa Cene ID: 2891 UniProt: P42262 Pathways: P13K-Akt Signaling Application Details For Research Use only Handling For Research Use only Handling For Research Use only Preservative: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl. 0.02 % sodium azide and 50 % glycerol. Preservative: Sodium azide	Alternative Name:	GRIA2 (GRIA2 Products)	
Gene ID:2891UniProt:P42262Pathways:P13K-Akt SignalingApplication DetailsApplication Notes:WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000Restrictions:For Research Use onlyHandlingFormat:LiquidConcentration:1 mg/mLBuffer:Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % giycerol.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Background:	nervous system and plays an important role in excitatory synaptic transmission. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation of current flux upon continued application of glutamate. Through complex formation with NSG1, GRIP1 and STX12 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting (By similarity).	
UniProt:P42262Pathways:PI3K-Akt SignalingApplication DetailsApplication Notes:WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000Restrictions:For Research Use onlyHandlingFormat:LiquidConcentration:1 mg/mLBuffer:Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Molecular Weight:	99kDa	
Pathways: PI3K-Akt Signaling Application Details VB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 Restrictions: WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 Restrictions: For Research Use only Handling Iuquid Format: Liquid Concentration: 1 mg/mL Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Gene ID:	2891	
Application Details Application Notes: WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 Restrictions: For Research Use only Handling Iuquid Format: Liquid Concentration: 1 mg/mL Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	UniProt:	P42262	
Restrictions: For Research Use only Handling		PI3K-Akt Signaling	
HandlingFormat:LiquidConcentration:1 mg/mLBuffer:Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000	
Concentration:1 mg/mLBuffer:Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		For Research Use only	
Buffer:Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Format:	Liquid	
glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Concentration:	1 mg/mL	
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	Buffer:		
should be handled by trained staff only.	Preservative:	Sodium azide	
Storage: -20 °C	Precaution of Use:		
	Storage:	-20 °C	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6261987 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Handling

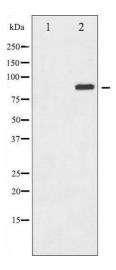
Storage Comment:

Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date:

12 months

Images



Western Blotting

Image 1. Western blot analysis of GluR2 expression in Mouse brain tissue lysates,The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6269251 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN6261987 | 09/10/2023 | Copyright antibodies-online. All rights reserved.