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# anti-Glutamate Receptor 3 antibody (AA 649-823)

2 Images



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Quantity:	100 μL	
Target:	Glutamate Receptor 3 (GRIA3)	
Binding Specificity:	AA 649-823	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Glutamate Receptor 3 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))	

## **Product Details**

Purpose:	Polyclonal Antibody to Glutamate Receptor, Ionotropic, AMPA 3 (GRIA3)	
Immunogen:	Recombinant Glutamate Receptor, Ionotropic, AMPA 3 (GRIA3) corresdonding to Thr649~Asn823	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against GRIA3. It has been selected for its ability to recognize GRIA3 in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Mouse, Pig, Rat	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

Target Details	
Target:	Glutamate Receptor 3 (GRIA3)
Alternative Name:	Glutamate Receptor, Ionotropic, AMPA 3 (GRIA3 Products)
Background:	GLUR-K3, GLUR3, GLURC, gluR-C, AMPA-selective glutamate receptor 3
Pathways:	PI3K-Akt Signaling, cAMP Metabolic Process, Synaptic Membrane
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL
	Immunohistochemistry: 5-20 μg/mL
	Immunocytochemistry: 5-20 μg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious

degradation and precipitation were observed. The loss rate is less than 5% within the expiration

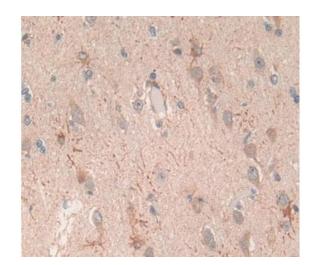
Restrictions:

For Research Use only

date under appropriate storage condition.

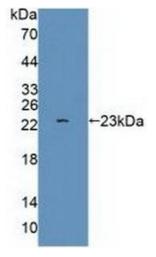
# Handling

Format:	Liquid	
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	



## **Immunohistochemistry**

Image 1. #VALUE!



## **Western Blotting**

Image 2. Detection of Recombinant GRIA3, Human using Polyclonal Antibody to Glutamate Receptor, Ionotropic, AMPA 3 (GRIA3)