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anti-GRIA2 antibody (AA 413-527)





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Quantity:	100 μL
Target:	GRIA2
Binding Specificity:	AA 413-527
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GRIA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

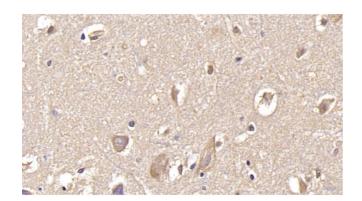
Product Details

Purpose:	Monoclonal Antibody to Glutamate Receptor, Ionotropic, AMPA 2 (GRIA2)	
Immunogen:	Recombinant Glutamate Receptor, Ionotropic, AMPA 2 (GRIA2) corresdonding to Asn413~Lys527 with N-terminal His Tag	
Clone:	C3	
Isotype:	IgG2b kappa	
Specificity:	The antibody is a mouse monoclonal antibody raised against GRIA2. It has been selected for its ability to recognize GRIA2 in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Pig	
Purification:	Protein A + Protein G affinity chromatography	

Target Details

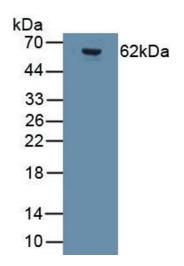
Target:	GRIA2
Alternative Name:	Glutamate Receptor, Ionotropic, AMPA 2 (GRIA2 Products)
Background:	GLUR2, GLURB, HBGR2, GluR-K2, AMPA-selective glutamate receptor 2
Pathways:	PI3K-Akt Signaling

Application Details		
Application Notes:	Western blotting: 0.5-2 μg/mL	
	1:500-2000 Immunohistochemistry: 5-20 μg/mL	
	1:50-200 Immunocytochemistry: 5-20 µg/mL	
	1:50-200 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	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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.	
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. Detection of GRIA2 in Human Cerebrum Tissue using Monoclonal Antibody to Glutamate Receptor, lonotropic, AMPA 2 (GRIA2)



Western Blotting

Image 2. Detection of Recombinant GRIA2, Human using Monoclonal Antibody to Glutamate Receptor, Ionotropic, AMPA 2 (GRIA2)



Immunohistochemistry

Image 3. Detection of GRIA2 in Human Cerebellum Tissue using Monoclonal Antibody to Glutamate Receptor, Ionotropic, AMPA 2 (GRIA2)