antibodies -online.com







anti-GRIA2 antibody (AA 151-250)



Image



()	11/0	r\ /1	$\triangle 1 $
	$\lor \lor \vdash$	$I \vee I$	ew

Quantity:	100 μL
Target:	GRIA2
Binding Specificity:	AA 151-250
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GLUR2	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Predicted Reactivity:	Dog	
Purification:	Purified by Protein A.	

Target Details

Target:	GRIA2	

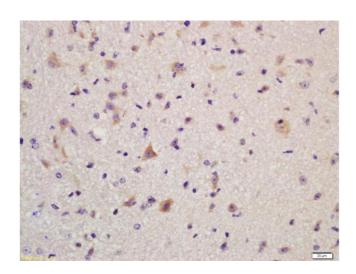
Target Details

raiget Details		
Alternative Name:	GLUR2 (GRIA2 Products)	
Background:	Synonyms: GLUR2, GLURB, GluA2, HBGR2, GluR-K2, Glutamate receptor 2, GluR-2, AMPA-	
	selective glutamate receptor 2, GluR-B, Glutamate receptor ionotropic, AMPA 2, GRIA2	
	Background: 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 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.	
Gene ID:	2891	
UniProt:	P42262	
Pathways:	PI3K-Akt Signaling	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	FCM 1:20-100	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
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	

Handling

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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse brain labeled with Anti-GLUR2 Polyclonal Antibody, Unconjugated (ABIN734588) at 1:200, followed by conjugation to the secondary antibody and DAB staining