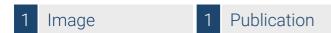


Datasheet for ABIN1742378 anti-GRIA2 antibody (AA 278-292)





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Background:

Quantity:	100 μg	
Target:	GRIA2	
Binding Specificity:	AA 278-292	
Reactivity:	Rat	
Host:	Mouse	
Clonality:	Monoclonal	
Application:	Western Blotting (WB), Immunoprecipitation (IP)	
Product Details		
Immunogen:	Synthetic peptide (aa 278-292 in rat GluA 2, unprocessed precursor) coupled to key-hole limper hemocyanin via an added C-terminal cysteine residue.	
Clone:	1404A10	
Isotype:	lgG2b	
Specificity:	Specific for GluA 2.	
Purification:	purified IgG. Azide was added before lyophilization.	
Target Details		
Target:	GRIA2	
Alternative Name:	GluA 2 (GRIA2 Products)	

Synonyms: AMPA 2, GluR 2

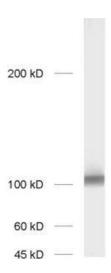
Target Details PI3K-Akt Signaling Pathways: **Application Details** WB: 1: 1000 (AP staining) Application Notes: ICC: not tested yet IHC: not tested yet Comment: IP:For most effective IP use the solubilization protocol described in this ELISA protocol. Consider that protein-protein interaction may be affected. Restrictions: For Research Use only Handling Lyophilized Format: Reconstitution: For reconstitution add 100 µL H2O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use. Buffer: PBS, 0.02% sodium azide Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Handling Advice: Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus loose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses. -20 °C Storage: Storage Comment: Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years. **Publications**

structure & function, Vol. 220, Issue 1, pp. 47-58, (2015) (PubMed).

Jedlicka, Vnencak, Krueger, Jungenitz, Brose, Schwarzacher: "Neuroligin-1 regulates excitatory

synaptic transmission, LTP and EPSP-spike coupling in the dentate gyrus in vivo." in: Brain

Product cited in:



Western Blotting

Image 1. dilution: 1 : 1000; sample: rat hippocampus homogenate