

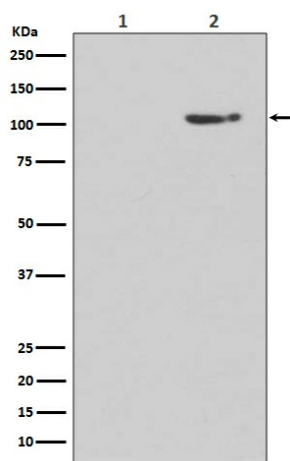
Product datasheet for TA422719

GRIA1 Rabbit Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human GluR1
Specificity:	Phospho-GluR1 (S845) Antibody detects endogenous levels of Phospho-GluR1 (S845)
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -23°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	102kDa
Gene Name:	glutamate ionotropic receptor AMPA type subunit 1
Database Link:	Entrez Gene 2890 Human P42261
Background:	AMPA- (α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid), kainate-, and NMDA- (N-methyl-D-aspartate) receptors are the three main families of ionotropic glutamate-gated ion channels. AMPA receptors (AMPA receptors) are comprised of four subunits (GluR 1-4), which assemble as homo- or hetero-tetramers to mediate the majority of fast excitatory transmissions in the central nervous system. AMPARs are implicated in synapse formation, stabilization, and plasticity.
Synonyms:	AMPA-selective glutamate receptor 1; GluA1; GLUH1; GluR-1; GluR-A; GluR-K1; GLUR1; GluRA; GluRK1; Glutamate receptor 1; Glutamate receptor ionotropic, AMPA 1; GRIA1


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Product images:


Western blot analysis of Phospho-GluR1 (S845) expression in (1) Human brain lysate treated with Lambda phosphatase lysate; (2) Human brain lysate.