

GluR2 Antibody | anti-GluR2 antibody

GluR2 (Phospho-Ser880) Antibody

CATALOG # AAA109437	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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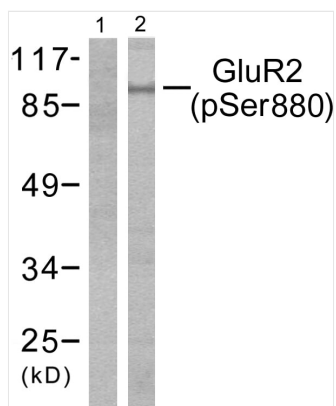
PRODUCT SYNONYMS

GluR2; GluR2 (Phospho-Ser880) Antibody; GRIA2; GluR-2; GluR-B; GluR-K2; Glutamate receptor 2 precursor; Glutamate receptor ionotropic; AMPA 2; anti-GluR2 antibody

PRODUCT SPECIFICATIONS

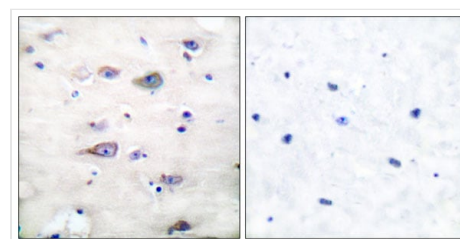
Reactivity	Human, Mouse, Rat
Specificity	Glutamate receptor 2 (phospho-Ser880) antibody detects endogenous levels of Glutamate receptor 2 only when phosphorylated at serine 880.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	883
Applicable Applications for anti-GluR2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Glutamate receptor 2 around the phosphorylation site of serine 880 (I-E-SP-V-K) (CYNVYGIESVKI).
All Sites	Human: Ser880 Mouse: Ser880 Rat: Ser880
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using Glutamate receptor 2 (phospho-Ser880) antibody.



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Glutamate receptor 2 (phospho-Ser880) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GluR2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Kenneth J. Seidenman, J. Neurosci., Oct 2003; 23: 9220. Baosong Liu, J. Neurosci., May 2006; 26: 5309-5319. Jie Fu, J. Neurosci., Aug 2003; 23: 7592. Jose L. Perez, J. Neurosci., Aug 2001; 21: 5417.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74275354
NCBI GeneID	2891
NCBI Accession #	NP_000817.2
NCBI GenBank Nucleotide #	NM_000826.3
UniProt Accession #	P42262; Q96FP6; A8MT92; I6L997
Molecular Weight	93,775 Da
NCBI Official Full Name	glutamate receptor 2 isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor AMPA type subunit 2
NCBI Official Symbol	GRIA2
NCBI Official Synonym Symbols	GLUR2; GLURB; GluA2; HBGR2; GluR-K2
NCBI Protein Information	glutamate receptor 2
UniProt Protein Name	Glutamate receptor 2
UniProt Gene Name	GRIA2
UniProt Synonym Gene Names	GLUR2; GluR-2; GluA2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/glur2/109437>