

anti-Human, Mouse GluR4 Antibody | anti-GluR4 antibody

GluR4 (Phospho-Ser862) Antibody

CATALOG # AAA267543	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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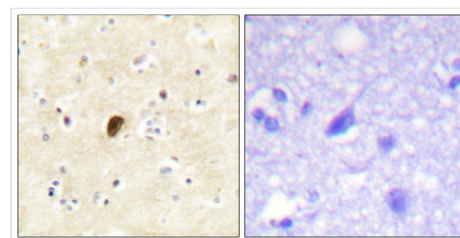
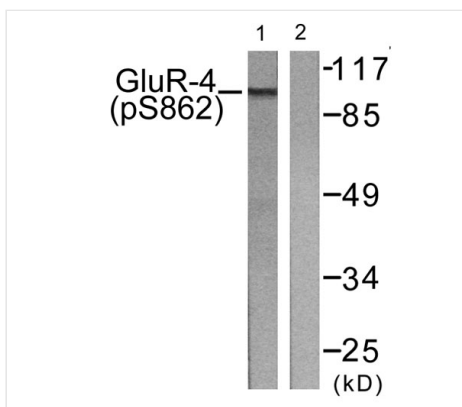
PRODUCT SYNONYMS

GluR4; GluR4 (Phospho-Ser862) Antibody; GLR4; GLUR4; GRIA4; GluR-4; GluR-D; Glutamate receptor 4 precursor; Glutamate receptor ionotropic; AMPA 4; anti-GluR4 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	GluR4 (Phospho-Ser862) antibody detects endogenous levels of GluR4 only when phosphorylated at serine 862.
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	902
Applicable Applications for anti-GluR4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human GluR4 around the phosphorylation site of serine 862 (R-L-SP-I-T).
All Sites	Human: Ser862 Mouse: Ser862
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using GluR4 (Phospho-Ser862) antibody. Western blot analysis of extracts from HepG2 cells, treated with Forskolin (40nM, 30mins), using GluR4 (Phospho-Ser862) antibody.

ADDITIONAL INFORMATION

References	Maxim Mokin, J Neurophysiol, Jan 2006; 95: 215-224. Alejandro Caicedo, Chem Senses, Jul 2004; 29: 463-471. LJ Martin, J. Neurosci., Feb 1993; 13: 782.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164419734
NCBI GeneID	2893
NCBI Accession #	NP_000820.3
NCBI GenBank Nucleotide #	NM_000829.3
UniProt Accession #	P48058; Q86XE8
Molecular Weight	49,146 Da
NCBI Official Full Name	glutamate receptor 4 isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor AMPA type subunit 4
NCBI Official Symbol	GRIA4
NCBI Official Synonym Symbols	GLUR4; GLURD; GluA4; GLUR4C; NEDSGA
NCBI Protein Information	glutamate receptor 4
UniProt Protein Name	Glutamate receptor 4
UniProt Gene Name	GRIA4
UniProt Synonym Gene Names	GLUR4; GluR-4; GluR4; GluA4

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://www.aaabiotech.com/human-mouse-antibody/glur4/267543>