

Rabbit GluR1 Polyclonal Antibody | anti-GluR1 antibody

GluR1 (Phospho-Ser863) Antibody

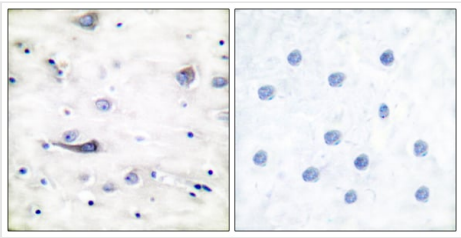
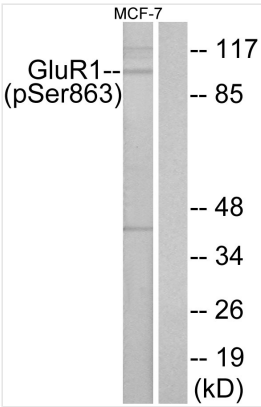
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316499	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

GluR1; Polyclonal Antibody; GluR1 (Phospho-Ser863) Antibody; Glutamate receptor 1; GluR-1; GluR-A; GluR-K1; Glutamate receptor ionotropic; AMPA 1; AMPA-selective glutamate receptor 1; GRIA1; GLUH1; GLUR1; anti-GluR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	GluR1 (Phospho-Ser863) Antibody detects endogenous levels of GluR1 only when phosphorylated at Ser863.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	916
Applicable Applications for anti-GluR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S863; M:S863; R:S863
Immunogen	The antiserum was produced against synthesized peptide derived from human GluR1 around the phosphorylation site of Ser863.
Immunogen Range	829-878
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using GluR1 (Phospho-Ser863) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from MCF-7 cells, using GluR1 (Phospho-Ser863) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167001419
NCBI GeneID	2890
NCBI Accession #	NP_000818.2
NCBI GenBank Nucleotide #	NM_000827.3
UniProt Accession #	P42261; Q2NKM6; B7Z2S0; B7Z2W8; B7Z3F6; B7Z9G9; D3DQI4; E7ESV8
Molecular Weight	101 kDa
NCBI Official Full Name	glutamate receptor 1 isoform 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor AMPA type subunit 1
NCBI Official Symbol	GRIA1
NCBI Official Synonym Symbols	GLUH1; GLUR1; GLURA; GluA1; HBGR1
NCBI Protein Information	glutamate receptor 1
UniProt Protein Name	Glutamate receptor 1
UniProt Gene Name	GRIA1
UniProt Synonym Gene Names	GLUH1; GLUR1; GluR-1; GluA1

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.