

anti-Human GluR1 Antibody | anti-GluR1 antibody

GluR1 (Ab-863) Antibody

CATALOG # AAA111635	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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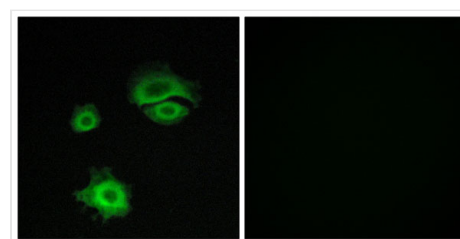
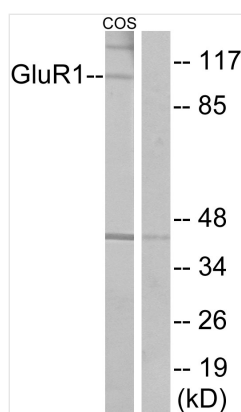
PRODUCT SYNONYMS

GluR1; GluR1 (Ab-863) Antibody; GLR1; GLUH1; GluR-1; GluR-A; GluR-K1; Glutamate receptor 1 precursor; Glutamate receptor ionotropic; AMPA 1; GRIA1; anti-GluR1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	GluR1 (Ab-863) antibody detects endogenous levels of total GluR1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	906
Applicable Applications for anti-GluR1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human GluR1 around the phosphorylation site of serine 863 (R-N-SP-G-A).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide-

IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using GluR1 (Ab-863) antibody. Western blot analysis of extracts from COS-7 cells, using GluR1 (Ab-863) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GluR1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Puckett C., Proc. Natl. Acad. Sci. U.S.A. 88:7557-7561(1991). Potier M.-C., DNA Seq. 2:211-218(1992). Sun W., Proc. Natl. Acad. Sci. U.S.A. 89:1443-1447(1992).
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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	102,864 Da
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.