

Rabbit anti-Human, Rat GluR4 Polyclonal Antibody | anti-GluR4 antibody

GluR4 Polyclonal Antibody

CATALOG # AAA173737	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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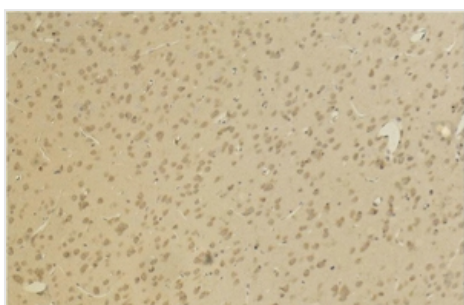
PRODUCT SYNONYMS

GluR4; Polyclonal Antibody; GluR4 Polyclonal Antibody; GRIA4; GLUR4; Glutamate receptor 4; GluR-4; AMPA-selective glutamate receptor 4; GluR-D; Glutamate receptor ionotropic; AMPA 4; GluA4; anti-GluR4 antibody

PRODUCT SPECIFICATIONS

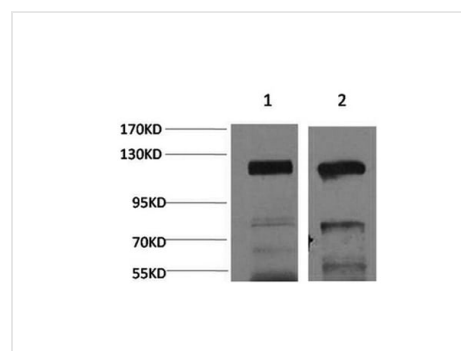
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	902
Applicable Applications for anti-GluR4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue with GluR4 Polyclonal Antibody.



WB (Western Blot)

Western Blot analysis of 1) Human brain, 2) Rat brain using GluR4 Polyclonal Antibody at dilution of 1:20000.

ADDITIONAL INFORMATION

Related Product Information for anti-GluR4 antibody	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding different isoforms, which may vary in their signal transduction properties. Some haplotypes of this gene show a positive association with schizophrenia.
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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	101kDa
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
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/polyclonal/glur4-antibody-immunohistochemistry-western-blot-elisa/173737>