

Rabbit GluR4 Polyclonal Antibody | anti-GluR4 antibody

GluR4 Antibody

CATALOG # AAA305956	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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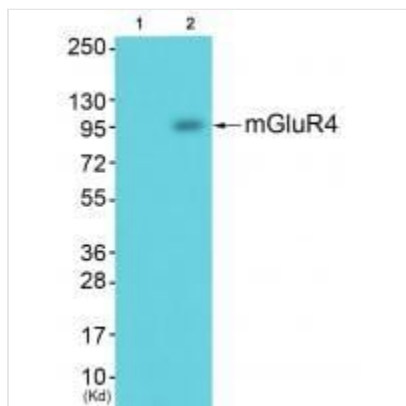
PRODUCT SYNONYMS

GluR4; Polyclonal Antibody; GluR4 Antibody; Metabotropic glutamate receptor 4; mGluR4; GPRC1D; MGLUR4; GRM4; anti-GluR4 antibody

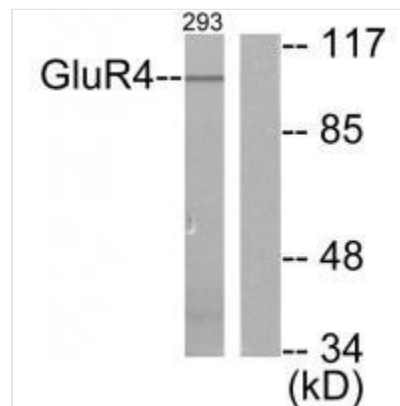
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GluR4 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	912
Applicable Applications for anti-GluR4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human GluR4.
Target Name	GluR4
Preparation and Storage	Store at -20 degree C

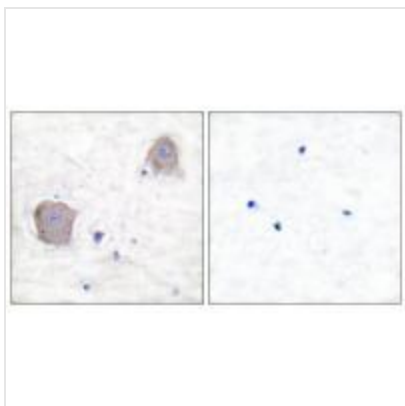
IMAGES


WB (Western Blot)

Western blot analysis of extracts from JK cells (Lane 2), using mGluR4 antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from 293 cells, untreated or treated with Forskolin (40nM, 30mins), using GluR4 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GluR4 antibody	G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling inhibits adenylate cyclase activity.Susana Santos Correia, J. Biol. Chem., Feb 2003; 278: 6307 - 6313.Maxim Mokin, J Neurophysiol, Jan 2006; 95: 215 - 224.Maxim Mokin, J Neurophysiol, Jan 2006; 95: 215 - 224.Peyman Golshani, PNAS, Mar 2001; 98: 4172.
Product Categories/Family for anti-GluR4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504141
NCBI GeneID	2914
NCBI Accession #	NP_000832.1
NCBI GenBank Nucleotide #	NM_000841.3
UniProt Accession #	Q14833; Q5SZ84; Q6ZMQ2; B3KVL9; B7Z1T9; B7Z1U6; F5GXM5; AAB34891
Molecular Weight	88,493 Da
NCBI Official Full Name	metabotropic glutamate receptor 4 isoform 1
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 4
NCBI Official Symbol	GRM4
NCBI Official Synonym Symbols	mGlu4; GPRC1D; MGLUR4
NCBI Protein Information	metabotropic glutamate receptor 4
UniProt Protein Name	Metabotropic glutamate receptor 4
UniProt Gene Name	GRM4
UniProt Synonym Gene Names	GPRC1D; MGLUR4; mGluR4
UniProt Entry Name	GRM4_HUMAN

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.