

Rabbit anti-Human, Mouse GluR6 Polyclonal Antibody | anti-GluR6 antibody

GluR6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302110	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

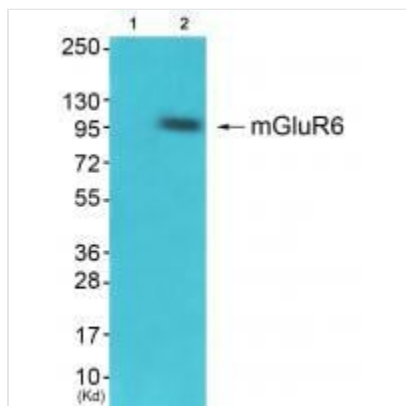
PRODUCT SYNONYMS

GluR6; Polyclonal Antibody; GluR6 Antibody; EAA4; GLR6; MGC74427; bA487F5.1 (glutamate receptor; ionotropic; anti-GluR6 antibody

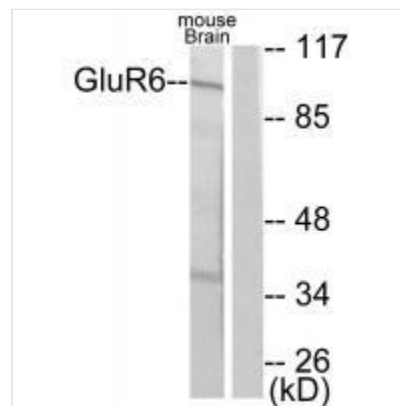
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GluR6 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	877
Applicable Applications for anti-GluR6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human GluR6.
Target Name	GluR6
Preparation and Storage	Store at -20 degree C

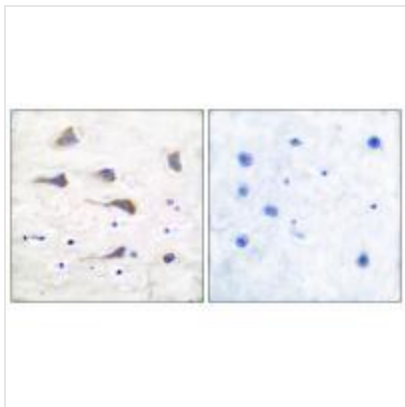
IMAGES


WB (Western Blot)

Western blot analysis of extracts from HepG2 cells (Lane 2), using mGluR6 antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from mouse brain, using GluR6 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GluR6 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, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity By similarity. Signaling stimulates TRPM1 channel activity and Ca2+ uptake. Required for normal vision.Inga Everts, J. Neurosci., Feb 1999; 19: 916.Gregory D. Salinas, J. Biol. Chem., Dec 2006; 281: 40164 - 40173.Sheng Yan, J. Neurosci., Jan 2004; 24: 679.Xiao-Mei Liu, J. Biol. Chem., Jun 2006; 281: 17432 - 17445.
Product Categories/Family for anti-GluR6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611176
NCBI GeneID	2916
NCBI Accession #	NP_000834.2
NCBI GenBank Nucleotide #	NM_000843.3
UniProt Accession #	O15303
Molecular Weight	95,468 Da
NCBI Official Full Name	metabotropic glutamate receptor 6
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 6
NCBI Official Symbol	GRM6
NCBI Official Synonym Symbols	mGlu6; CSNB1B; GPRC1F; MGLUR6
NCBI Protein Information	metabotropic glutamate receptor 6
UniProt Protein Name	Metabotropic glutamate receptor 6
UniProt Gene Name	GRM6
UniProt Synonym Gene Names	GPRC1F; MGLUR6; mGluR6
UniProt Entry Name	GRM6_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.

