

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

GluR6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322093	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

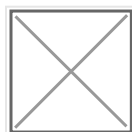
PRODUCT SYNONYMS

GluR6; Polyclonal Antibody; GluR6 Antibody; CSNB1B; DKFZp686H1993; Glutamate receptor metabotropic 6; GPRC1F; Grm6; GRM6_HUMAN; Metabotropic glutamate receptor 6; mGlu6; mGluR6; anti-GluR6 antibody

PRODUCT SPECIFICATIONS

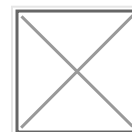
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GluR6 antibody detects endogenous levels of total GluR6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	877
Applicable Applications for anti-GluR6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GluR6
Subcellular Location	Cell Membrane
Tissue Specificity	Detected in melanocytes.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Dog
Similarity	Pig (90%), Bovine (90%), Sheep (90%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA322093 at 1/100 staining Human melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of GluR6 expression in Mouse brain extracts



IF (Immunofluorescence)

AAA322093 staining A-431 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GluR6 antibody	Description: Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Function: 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. Subunit Structure: Homodimer. Similarity: Belongs to the G-protein coupled receptor 3 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110611176
NCBI GeneID	2916
NCBI Accession #	NP_000834.2
NCBI GenBank Nucleotide #	NM_000843.4
UniProt Accession #	O15303
Molecular Weight	Observed: 95 kDa Predicted: 96 kDa
NCBI Official Full Name	metabotropic glutamate receptor 6
NCBI Official Synonym Full Names	glutamate metabotropic receptor 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

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://stage.aaabiotech.com/polyclonal/glur6-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322093>