

Rabbit mGluR5 Polyclonal Antibody | anti-mGluR5 antibody

mGluR5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA295227	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

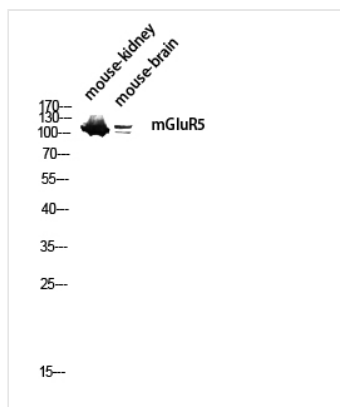
PRODUCT SYNONYMS

mGluR5; Polyclonal Antibody; mGluR5 Polyclonal Antibody; GRM5; GPRC1E; MGLUR5; Metabotropic glutamate receptor 5; anti-mGluR5 antibody

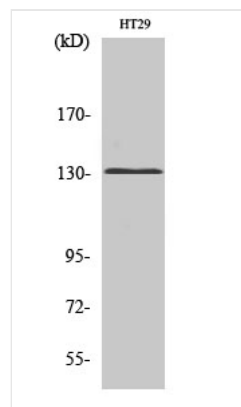
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-mGluR5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-mGluR5 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 activates a phosphatidylinositol-calcium second messenger system and generates a calcium-activated chloride current. Plays an important role in the regulation of synaptic plasticity and the modulation of the neural network activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504143
NCBI GeneID	2915

NCBI Accession #	NP_000833.1
NCBI GenBank Nucleotide #	NM_000842.4
UniProt Accession #	P41594; Q6J164
Molecular Weight	132469 MW
NCBI Official Full Name	metabotropic glutamate receptor 5 isoform b
NCBI Official Synonym Full Names	glutamate metabotropic receptor 5
NCBI Official Symbol	GRM5
NCBI Official Synonym Symbols	mGlu5; GPRC1E; MGLUR5; PPP1R86
NCBI Protein Information	metabotropic glutamate receptor 5
UniProt Protein Name	Metabotropic glutamate receptor 5
UniProt Gene Name	GRM5
UniProt Synonym Gene Names	GPRC1E; MGLUR5; mGluR5

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/mglur5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/295227>