

Rabbit mGLUR7 Polyclonal Antibody | anti-mGLUR7 antibody

Rabbit anti-mGLUR7 Antibody

CATALOG # AAA221647	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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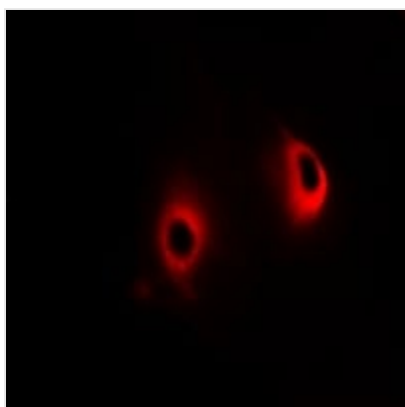
PRODUCT SYNONYMS

mGLUR7; Polyclonal Antibody; Rabbit anti-mGLUR7 Antibody; GPRC1G; MGLUR7; Metabotropic glutamate receptor 7; mGluR7; anti-mGLUR7 antibody

PRODUCT SPECIFICATIONS

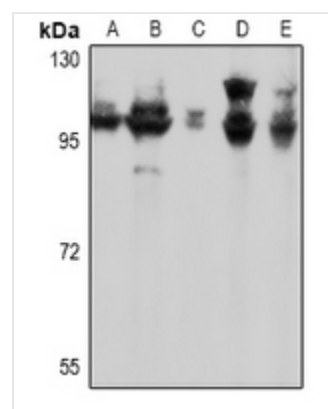
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-mGLUR7 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human mGLUR7. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of mGLUR7 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of mGLUR7 expression in mouse brain (A), rat brain (B), HEK293T (C), Hela (D), MCF7 (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-mGLUR7 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504147
NCBI GeneID	2917
NCBI Accession #	NP_000835.1
NCBI GenBank Nucleotide #	NM_000844.3
UniProt Accession #	Q14831; Q68ED2; P35400
Molecular Weight	102,251 Da
NCBI Official Full Name	metabotropic glutamate receptor 7 isoform a
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 7
NCBI Official Symbol	GRM7
NCBI Official Synonym Symbols	GLUR7; MGLU7; GPRC1G; MGLUR7
NCBI Protein Information	metabotropic glutamate receptor 7
UniProt Protein Name	Metabotropic glutamate receptor 7
UniProt Gene Name	GRM7
UniProt Synonym Gene Names	GPRC1G; MGLUR7; mGluR7
UniProt Entry Name	GRM7_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mglur7-antibody-immunochemistry-immunofluorescence-western-blot-elisa/221647>