

Anti-mGluR7 antibody



Description	Rabbit polyclonal to mGluR7.
Model	STJ94113
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human mGluR7
Immunogen Region	320-400 aa, Internal
Gene ID	2917
Gene Symbol	GRM7
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:40000
Specificity	mGluR7 Polyclonal Antibody detects endogenous levels of mGluR7 protein.
Tissue Specificity	Expressed in many areas of the brain, especially in the cerebral cortex, hippocampus, and cerebellum. Expression of GRM7 isoforms in non-neuronal tissues appears to be restricted to isoform 3 and isoform 4.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Metabotropic glutamate receptor 7 mGluR7
Molecular Weight	102 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4599OMIM:604101
Alternative Names	Metabotropic glutamate receptor 7 mGluR7
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.
Cellular Localization	Cell membrane. Multi-pass membrane protein.

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