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mGluR5 Polyclonal Antibody

Catalog # AP70928

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	P41594
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	132469

Additional Information

Gene ID	2915
Other Names	GRM5; GPRC1E; MGLUR5; Metabotropic glutamate receptor 5; mGluR5
Dilution	WB~~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. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

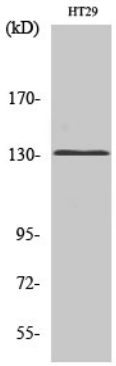
Name	GRM5
Synonyms	GPRC1E, MGLUR5
Function	G protein-coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol- 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.
Cellular Location	Cell membrane; Multi-pass membrane protein

Background

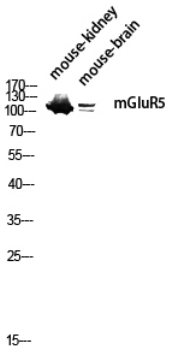
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Images



Western Blot analysis of various cells using mGluR5 Polyclonal Antibody diluted at 1：1000



Western blot analysis of mouse-kidney mouse-brain lysis using mGluR5 antibody. Antibody was diluted at 1:1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.