

mGluR2 (18S7) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01713

Product information

产品货号	HZ-YMA01713
别名	GRM2;GPRC1B;MGLUR2;Metabotropic glutamate receptor 2;mGluR2
产品名称	mGluR2 (18S7) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	GRM2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	2912
Human Swissprot No.	Q14416
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000
参考分子量	□200kDa
预测分子量	99kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	glutamate metabotropic receptor 2 (GRM2) Homo sapiens L-glutamate is the major excitatory neurotransmitter in the central nervous system and activates both ionotropic and metabotropic glutamate receptors. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. The metabotropic glutamate receptors are a family of G protein-coupled receptors , that have been divided into 3 groups on the basis of sequence homology , putative signal transduction mechanisms , and pharmacologic properties. Group I includes GRM1 and GRM5 and these receptors have been shown to activate phospholipase C. Group II includes GRM2 and GRM3 while Group III includes GRM4 , GRM6 , GRM7 and GRM8. Group II and III receptors are linked to the inhibition of the cyclic AMP cascade but differ in their agonist selectivities. Two transcript variants encoding different isoforms have been found for this gene
细胞定位	Cell membrane; Multi-pass membrane protein. Cell junction , synapse . Cell projection , dendrite .
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal