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mGLUR8 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51249

Product Information

Application	WB
Primary Accession	O00222
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101741

Additional Information

Gene ID	2918
Other Names	Metabotropic glutamate receptor 8, mGluR8, GRM8, GPRC1H, MGLUR8
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human mGLUR8. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GRM8
Synonyms	GPRC1H, MGLUR8
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 Location	Cell membrane; Multi-pass membrane protein.

Background

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.

References

Scherer S.W.,et al.Genomics 44:232-236(1997).
Wu S.,et al.Brain Res. Mol. Brain Res. 53:88-97(1998).
Malherbe P.,et al.Brain Res. Mol. Brain Res. 67:201-210(1999).
Stormann T.M.,et al.Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.
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