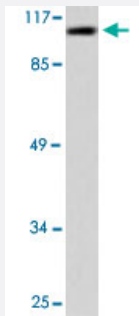


GRM6 polyclonal antibody

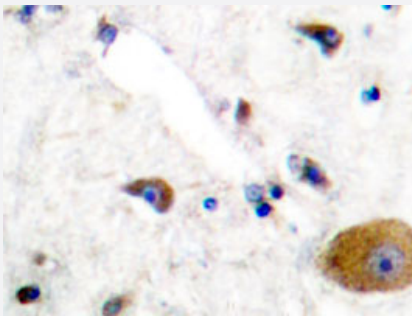
Catalog # PAB24817 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of mouse brain tissue with GRM6 polyclonal antibody (Cat # PAB24817).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using GRM6 polyclonal antibody (Cat # PAB24817).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GRM6.
Immunogen	A synthetic peptide corresponding to GRM6.
Host	Rabbit
Theoretical MW (kDa)	100
Reactivity	Human
Specificity	GRM6 polyclonal antibody detects endogenous levels of GRM6 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of mouse brain tissue with GRM6 polyclonal antibody (Cat # PAB24817).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using GRM6 polyclonal antibody (Cat # PAB24817).

Gene Info — GRM6

Entrez GeneID	2916
Gene Name	GRM6
Gene Alias	CSNB1B, DKFZp686H1993, GPRC1F, MGLUR6, mGlu6
Gene Description	glutamate receptor, metabotropic 6
Omim ID	257270 604096
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

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Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Mental Disorders](#)
- [Myopia](#)
- [Opioid-Related Disorders](#)
- [Retinal Diseases](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)