

Rabbit GRM2 / MGLUR2 Polyclonal Antibody | anti-GRM2 antibody

Rabbit Polyclonal to Human GRM2 / MGLUR2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50774	Rabbit	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Rabbit Predicted Reactivity: Mouse, Rat, Bat, Bovine, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

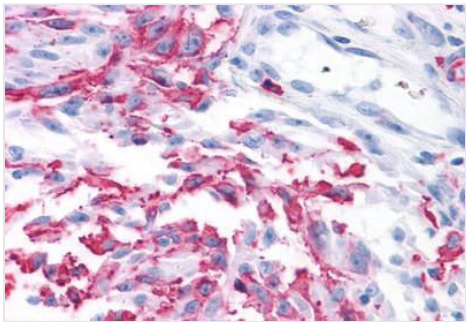
PRODUCT SYNONYMS

GRM2 / MGLUR2; Polyclonal Antibody; Rabbit Polyclonal to Human GRM2 / MGLUR2; Anti-GRM2 / MGLUR2 Antibody (N-Terminus) IHC-plus; GRM2; Glutamate receptor homolog; GPRC1B; MGlu2; Metabotropic; GLUR2; MGLUR2; Human GRM2; anti-GRM2 antibody

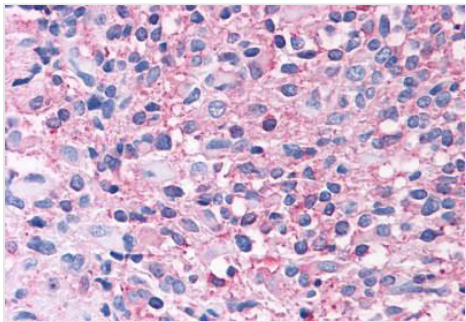
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Rabbit Predicted Reactivity: Mouse, Rat, Bat, Bovine, Dog (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GRM2 / MGLUR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GRM3 (53%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	872
Applicable Applications for anti-GRM2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human GRM2 / MGLUR2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Rabbit (100%)
Immunogen Type	Synthetic peptide
Immunogen	GRM2 / MGLUR2 antibody was raised against synthetic 19 amino acid peptide from N-terminal extracellular domain of human GRM2 / MGLUR2. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Rabbit (100%); Mouse, Rat, Bovine, Dog, Bat, Elephant, Panda (95%); Hamster, Horse, Platypus (89%); Pig (84%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

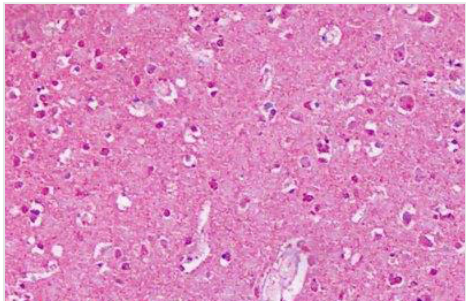
IMAGES



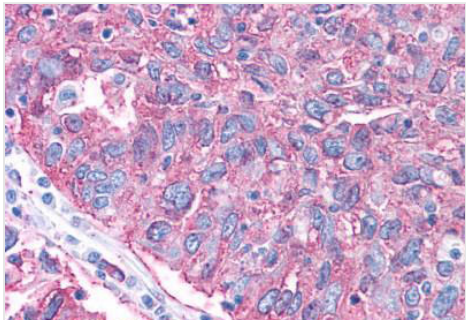
IHC (Immunohistochemistry)
Anti-GRM2 / MGLUR2 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GRM2 / MGLUR2 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-MGLUR2 / GLUR2 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 2.5-5 ug/ml.



IHC (Immunohistochemistry)
Anti-GRM2 / MGLUR2 antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GRM2 antibody	The Metabotropic Glutamate Receptor GRM2 binds L-glutamate and has been linked to the inhibition of the cyclic AMP signaling cascade. GRM2 is involved in mediating the suppression of neurotransmission and in synaptogenesis and synaptic stabilization. Glutamatergic neurotransmission plays a role in most aspects of normal brain function and can be perturbed in many neuropathologic conditions.
Product Categories/Family for anti-GRM2 antibody	Family: GPCR; Subfamily: Metabotropic glutamate

NCBI AND UNIPROT INFORMATION

NCBI GI #	66529100
NCBI GeneID	2912
NCBI Accession #	NP_000830.2
NCBI GenBank Nucleotide #	NM_000839.3
UniProt Accession #	Q14416; Q14CU5; Q52MC6; Q9H3N6; B0M0K7
Molecular Weight	95,568 Da
NCBI Official Full Name	metabotropic glutamate receptor 2 isoform a
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 2
NCBI Official Symbol	GRM2
NCBI Official Synonym Symbols	GLUR2; mGlu2; GPRC1B; MGLUR2
NCBI Protein Information	metabotropic glutamate receptor 2; glutamate receptor homolog; glutamate metabotropic receptor 2

UniProt Protein Name	Metabotropic glutamate receptor 2
UniProt Gene Name	GRM2
UniProt Synonym Gene Names	GPRC1B; MGLUR2; mGluR2
UniProt Entry Name	GRM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/grm2-mglur2-antibody-immunohistochemistry-elisa/50774>