

Rabbit GRM3 / MGLUR3 Polyclonal Antibody | anti-GRM3 antibody

Rabbit Polyclonal to Human GRM3 / MGLUR3

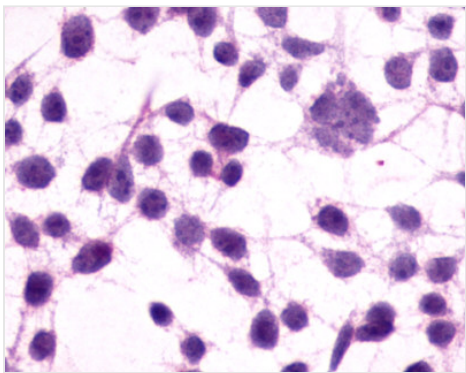
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52003	Rabbit	Gibbon, Bovine, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Rabbit, Chicken (at least 90% immunogen sequence identity)	Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

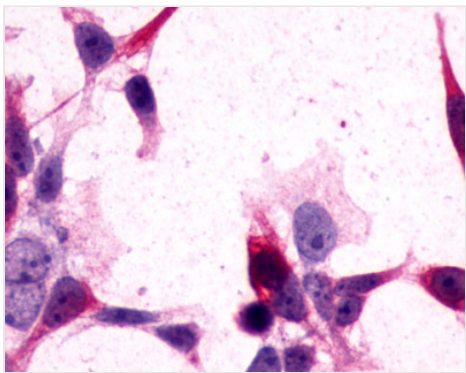
GRM3 / MGLUR3; Polyclonal Antibody; Rabbit Polyclonal to Human GRM3 / MGLUR3; Anti-GRM3 / MGLUR3 Antibody (N-Terminus) IHC-plus; GRM3; GPRC1C; GLUR3; MGLUR3; MGlu3; Human GRM3; anti-GRM3 antibody

PRODUCT SPECIFICATIONS

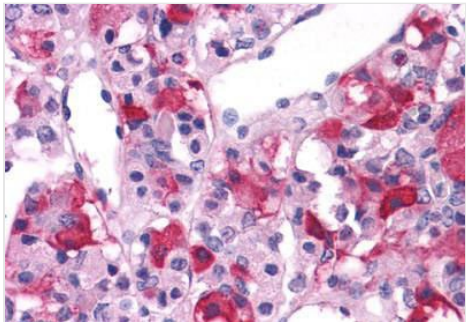
Host	Rabbit
Reactivity	Gibbon, Bovine, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rat Predicted Reactivity: Rabbit, Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GRM3 / MGLUR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	879
Applicable Applications for anti-GRM3 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from N-terminal extracellular domain of human GRM3 / MGLUR3.
Immunogen Type	Synthetic peptide
Immunogen	GRM3 / MGLUR3 antibody was raised against synthetic 16 amino acid peptide from N-terminal extracellular domain of human GRM3 / MGLUR3. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Bovine, Horse, Pig, Opossum, Platypus, Lizard (100%); Rabbit, Turkey, Zebra finch, Chicken (94%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



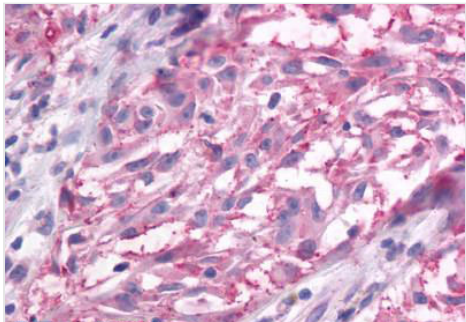
Transfection Control
Anti-GRM3 / MGLUR3 antibody immunocytochemistry (ICC) staining of untransfected HEK293 human embryonic kidney cells.



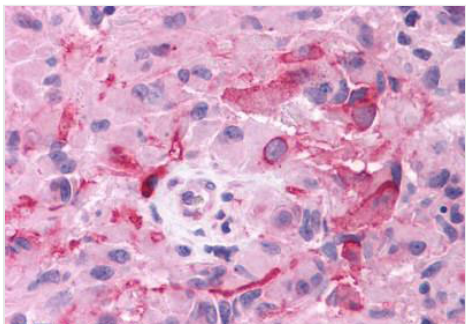
Transfection Control
Anti-GRM3 / MGLUR3 antibody immunocytochemistry (ICC) staining of HEK293 human embryonic kidney cells transfected with GRM3 / MGLUR3.



IHC (Immunohistochemistry)
Anti-GRM3 / MGLUR3 antibody IHC of human brain, pituitary. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GRM3 / MGLUR3 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GRM3 / MGLUR3 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GRM3 antibody	The Metabotropic Glutamate Receptor GRM3 binds L-glutamate, the major excitatory neurotransmitter in the central nervous system, which 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. Metabotropic glutamate receptor Group II includes the GRM2 and GRM3 receptors that are linked to inhibition of the cyclic AMP signaling cascade.
Product Categories/Family for anti-GRM3 antibody	Family: GPCR; Subfamily: Metabotropic glutamate

NCBI AND UNIPROT INFORMATION

NCBI GI #	46358417
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NCBI GeneID	2913
NCBI Accession #	NP_000831.2
NCBI GenBank Nucleotide #	NM_000840.2
UniProt Accession #	Q14832 ; Q2PNZ6 ; Q75MV4 ; Q75N17 ; Q86YG6 ; Q8TBH9
Molecular Weight	60,749 Da
NCBI Official Full Name	metabotropic glutamate receptor 3
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 3
NCBI Official Symbol	GRM3
NCBI Official Synonym Symbols	GLUR3; mGlu3; GPRC1C; MGLUR3
NCBI Protein Information	metabotropic glutamate receptor 3; glutamate metabotropic receptor 3
UniProt Protein Name	Metabotropic glutamate receptor 3
UniProt Gene Name	GRM3
UniProt Synonym Gene Names	GPRC1C; MGLUR3; mGluR3
UniProt Entry Name	GRM3_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/grm3-mglur3-antibody-immunocytochemistry-immunohistochemistry-elisa/52003>