

Rabbit GRM1 / MGLUR1 Polyclonal Antibody | anti-GRM1 antibody

Rabbit Polyclonal to Human GRM1 / MGLUR1

CATALOG # AAA51279	HOST Rabbit	REACTIVITY Gibbon, Chimpanzee, Gorilla, Human, Monkey	APPLICATIONS Immunohistochemistry
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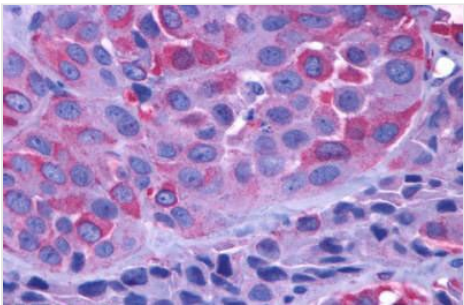
PRODUCT SYNONYMS

GRM1 / MGLUR1; Polyclonal Antibody; Rabbit Polyclonal to Human GRM1 / MGLUR1; Anti-GRM1 / MGLUR1 Antibody (C-Terminus) IHC-plus; GRM1; GRM1A; GPRC1A; MGLu1; MGLUR1; SCAR13; MGLUR1A; Human GRM1; anti-GRM1 antibody

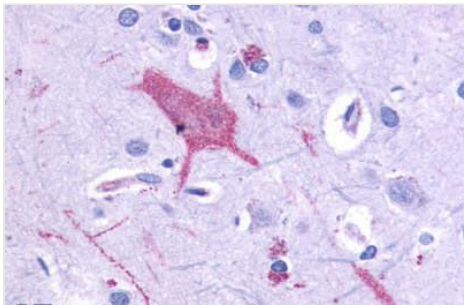
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey
Clonality	Polyclonal
Specificity	Human GRM1 / MGLUR1, isoform alpha. 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	908
Applicable Applications for anti-GRM1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from C-terminus of human GRM1 / MGLUR1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset (100%); Rabbit (81%).
Immunogen Type	Synthetic peptide
Immunogen	GRM1 / MGLUR1 antibody was raised against synthetic 16 amino acid peptide from C-terminus of human GRM1 / MGLUR1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset (100%); Rabbit (81%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

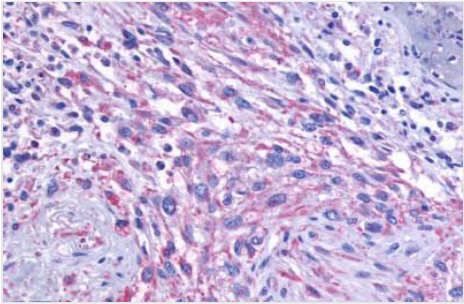
IMAGES



IHC (Immunohistochemistry)
Anti-GRM1 / MGLUR1 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GRM1 / MGLUR1 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GRM1 / MGLUR1 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-GRM1 antibody	The Metabotropic Glutamate Receptor mGluR1 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. mGluR1 and mGluR5 are group I receptors that have been shown to activate phospholipase C.
Product Categories/Family for anti-GRM1 antibody	Family: GPCR ; Subfamily: Metabotropic glutamate

NCBI AND UNIPROT INFORMATION

NCBI GI #	166999098
NCBI GeneID	2911
NCBI Accession #	NP_000829.2
NCBI GenBank Nucleotide #	NM_000838.3
UniProt Accession #	Q13255; Q13256; Q14757; Q14758; Q5VTF7; Q5VTF8; Q9NU10; Q9UGS9; Q9UGT0; B9EG79; F8W805
Molecular Weight	101,473 Da
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 1
NCBI Official Symbol	GRM1
NCBI Official Synonym Symbols	MGLU1; GPRC1A; MGLUR1; SCAR13; PPP1R85
NCBI Protein Information	metabotropic glutamate receptor 1
UniProt Protein Name	Metabotropic glutamate receptor 1

UniProt Gene Name	GRM1
UniProt Synonym Gene Names	GPRC1A; MGLUR1; mGluR1
UniProt Entry Name	GRM1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/grm1-mglur1-antibody-immunohistochemistry-elisa/51279>