

Rabbit GRM8 / MGLUR8 Polyclonal Antibody | anti-GRM8 antibody

Rabbit Polyclonal to Human GRM8 / MGLUR8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51257	Rabbit	Bat, Chimpanzee, Horse, Human, Monkey, Mouse, Rat Predicted Reactivity: Chicken (at least 90% immunogen sequence identity)	Immunohistochemistry

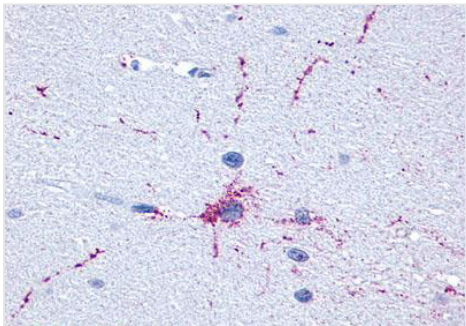
PRODUCT SYNONYMS

GRM8 / MGLUR8; Polyclonal Antibody; Rabbit Polyclonal to Human GRM8 / MGLUR8; Anti-GRM8 / MGLUR8 Antibody (C-Terminus) IHC-plus; GRM8; GLUR8; GPRC1H; MGLu8; MGLUR8; Human GRM8; anti-GRM8 antibody

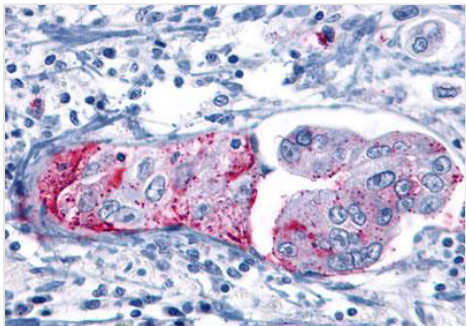
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Chimpanzee, Horse, Human, Monkey, Mouse, Rat Predicted Reactivity: Chicken (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GRM8 / MGLUR8. 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-GRM8 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from C-terminus of human GRM8 / MGLUR8. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Baboon, Monkey, Galago, Marmoset, Mouse, Rat, Shrew, Bat, Horse, Armadillo (100%); Opossum, Chicken (95%).
Immunogen Type	Synthetic peptide
Immunogen	GRM8 / MGLUR8 antibody was raised against synthetic 19 amino acid peptide from C-terminus of human GRM8 / MGLUR8. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Baboon, Monkey, Galago, Marmoset, Mouse, Rat, Shrew, Bat, Horse, Armadillo (100%); Opossum, Chicken (95%); Platypus, Xenopus (89%); Stickleback (84%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GRM8 / MGLUR8 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GRM8 / MGLUR8 antibody IHC of human Pancreas, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GRM8 antibody	Metabotropic Glutamate Receptor GRM8 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.
Product Categories/Family for anti-GRM8 antibody	Family: GPCR; Subfamily: Metabotropic glutamate

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960067
NCBI GeneID	2918
NCBI Accession #	NP_000836.2
NCBI GenBank Nucleotide #	NM_000845.2
UniProt Accession #	O00222; O15493; O95945; O95946; Q3MIV9; Q52M02; Q6J165; A4D0Y3; B0FZ74; B0M0L0
Molecular Weight	55,948 Da
NCBI Official Full Name	metabotropic glutamate receptor 8 isoform a
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 8
NCBI Official Symbol	GRM8
NCBI Official Synonym Symbols	GLUR8; mGlu8; GPRC1H; MGLUR8
NCBI Protein Information	metabotropic glutamate receptor 8
UniProt Protein Name	Metabotropic glutamate receptor 8
UniProt Gene Name	GRM8
UniProt Synonym Gene Names	GPRC1H; MGLUR8; mGluR8
UniProt Entry Name	GRM8_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.