

Rabbit GRM4 / MGLUR4 Polyclonal Antibody | anti-GRM4 antibody

Rabbit Polyclonal to Human GRM4 / MGLUR4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51177	Rabbit	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Mouse, Pig, Rabbit Predicted Reactivity: Rat, Dog, Hamster (at least 90% immunogen sequence identity)	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

GRM4 / MGLUR4; Polyclonal Antibody; Rabbit Polyclonal to Human GRM4 / MGLUR4; Anti-GRM4 / MGLUR4 Antibody (C-Terminus) IHC-plus; GRM4; GPRC1D; MGLu4; MGLUR4; Human GRM4; anti-GRM4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Human, Monkey, Mouse, Pig, Rabbit Predicted Reactivity: Rat, Dog, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GRM4 / MGLUR4. 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	912
Applicable Applications for anti-GRM4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from C-terminus of human GRM4 / MGLUR4. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Mouse, Rabbit, Pig (100%); Rat, Hamster, Dog (94%); Horse, Opossum (88%).
Immunogen Type	Synthetic peptide
Immunogen	GRM4 / MGLUR4 antibody was raised against synthetic 16 amino acid peptide from C-terminus of human GRM4 / MGLUR4. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Mouse, Rabbit, Pig (100%); Rat, Hamster, Dog (94%); Horse, Opossum (88%); Turkey, Chicken (81%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohiostchemistry)
Anti-MGLUR4 antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 19 ug/ml.



IHC (Immunohistochemistry)
Anti-MGLUR4 antibody IHC of human brain, cortex, neurons. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 19 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GRM4 antibody	The Metabotropic Glutamate Receptor mGluR4/GRM4 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-GRM4 antibody	Family: GPCR; Subfamily: Metabotropic glutamate

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504141
NCBI GeneID	2914
NCBI Accession #	NP_000832.1
NCBI GenBank Nucleotide #	NM_000841.3
UniProt Accession #	Q14833; Q5SZ84; Q6ZMQ2; B3KVL9; B7Z1T9; B7Z1U6; F5GXM5; AAB34891
Molecular Weight	88,493 Da
NCBI Official Full Name	metabotropic glutamate receptor 4 isoform 1
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 4
NCBI Official Symbol	GRM4
NCBI Official Synonym Symbols	mGlu4; GPRC1D; MGLUR4
NCBI Protein Information	metabotropic glutamate receptor 4
UniProt Protein Name	Metabotropic glutamate receptor 4
UniProt Gene Name	GRM4
UniProt Synonym Gene Names	GPRC1D; MGLUR4; mGluR4
UniProt Entry Name	GRM4_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/grm4-mglur4-antibody-western-blot-immunohistochemistry-elisa/51177>