

Rabbit GRM3 Polyclonal Antibody | anti-GRM3 antibody

GRM3 Polyclonal Antibody

CATALOG # AAA168655	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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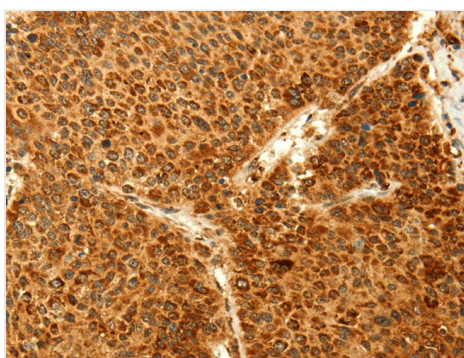
PRODUCT SYNONYMS

GRM3; Polyclonal Antibody; GRM3 Polyclonal Antibody; GLUR3; mGlu3; GPRC1C; MGLUR3; anti-GRM3 antibody

PRODUCT SPECIFICATIONS

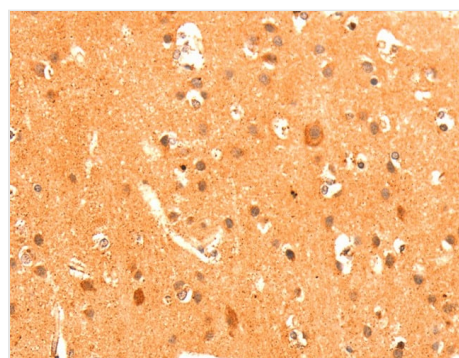
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	453
Applicable Applications for anti-GRM3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human GRM3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using GRM3 Polyclonal Antibody at dilution 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using GRM3 Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-GRM3 antibody	L-glutamate is the major excitatory neurotransmitter in the central nervous system and 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. The metabotropic glutamate receptors are a family of G protein-coupled receptors, that have been divided into 3 groups on the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic properties. Group I includes GRM1 and GRM5 and these receptors have been shown to activate phospholipase C. Group II includes GRM2 and GRM3 while Group III includes GRM4, GRM6, GRM7 and GRM8. Group II and III receptors are linked to the inhibition of the cyclic AMP cascade but differ in their agonist selectivities.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37994615
NCBI GeneID	108069
Molecular Weight	99,114 Da
NCBI Official Full Name	Grm3 protein, partial
NCBI Official Synonym Full Names	glutamate receptor, metabotropic 3
NCBI Official Symbol	Grm3
NCBI Official Synonym Symbols	mGlu3; Gprc1c; mGluR3; 0710001G23Rik
NCBI Protein Information	metabotropic glutamate receptor 3; G protein-coupled receptor, family C, group 1, member C
UniProt Protein Name	Metabotropic glutamate receptor 3
UniProt Gene Name	Grm3
UniProt Synonym Gene Names	Gprc1c; Mglur3; mGluR3
UniProt Entry Name	GRM3_MOUSE

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-antibody-immunohistochemistry-elisa/168655>