

Rabbit anti-Human GRM1 Polyclonal Antibody | anti-GRM1 antibody

GRM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232513	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

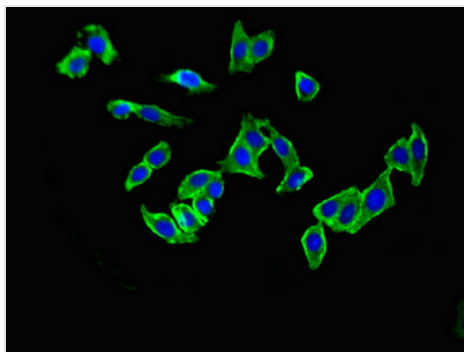
PRODUCT SYNONYMS

GRM1; Polyclonal Antibody; GRM1 Antibody; Metabotropic glutamate receptor 1mGluR1; GPRC1A; MGLUR1; anti-GRM1 antibody

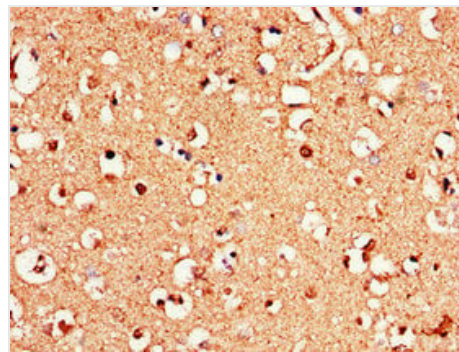
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1194
Applicable Applications for anti-GRM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Metabotropic glutamate receptor 1 protein (880-1017AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-135682 / sc-47128 / sc-47130 / sc-47131
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232513 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232513 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GRM1 antibody	G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol-calcium second messenger system. May participate in the central action of glutamate in the CNS, such as long-term potentiation in the hippocampus and long-term depression in the cerebellum.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	493798972
NCBI GeneID	2911
NCBI Accession #	NP_001264993.1
NCBI GenBank Nucleotide #	NM_001278064.1
UniProt Accession #	Q13255; Q13256; Q14757; Q14758; Q5VTF7; Q5VTF8; Q9NU10; Q9UGS9; Q9UGT0; B9EG79; F8W805
Molecular Weight	101,473 Da
NCBI Official Full Name	metabotropic glutamate receptor 1 isoform alpha
NCBI Official Synonym Full Names	glutamate metabotropic receptor 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/grm1-antibody-immunofluorescence-immunohistochemistry-elisa/232513>