

Rabbit GRM8 Antibody | anti-GRM8 antibody

GRM8 Antibody

CATALOG # AAA266559	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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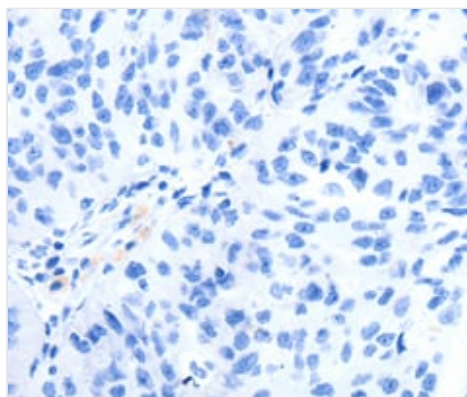
PRODUCT SYNONYMS

GRM8; GRM8 Antibody; GLUR8; mGlu8; GPRC1H; MGLUR8; anti-GRM8 antibody

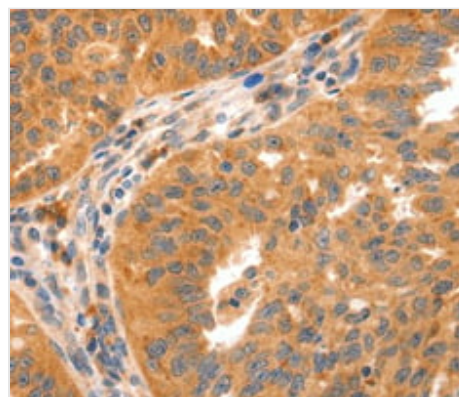
PRODUCT SPECIFICATIONS

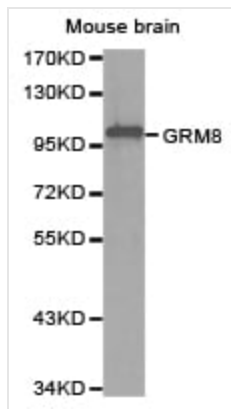
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	908
Applicable Applications for anti-GRM8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human GRM8
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20°C or -80°C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using GRM8 antibody.


Application Data



WB (Western Blot)
Western blot analysis of extracts of mouse brain tissue, using GRM8 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GRM8 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. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-GRM8 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

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	102kDa
NCBI Official Full Name	metabotropic glutamate receptor 8 isoform a
NCBI Official Synonym Full Names	glutamate metabotropic receptor 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

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.

