

Rabbit GPR119 Polyclonal Antibody | anti-GPR119 antibody

Rabbit Polyclonal to Human GPR119

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51516	Rabbit	Bat, Gibbon, Gorilla, Human Predicted Reactivity: Monkey, Mouse, Rat, Dog, Hamster, Horse, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

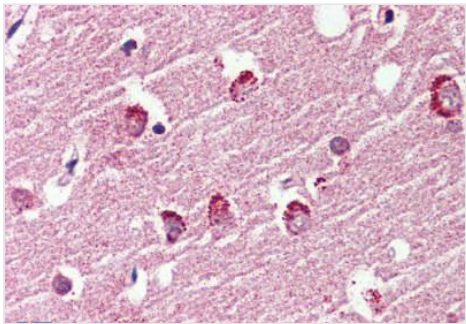
PRODUCT SYNONYMS

GPR119; Polyclonal Antibody; Rabbit Polyclonal to Human GPR119; Anti-GPR119 Antibody (Cytoplasmic Domain) IHC-plus; G-protein coupled receptor 2; GPCR2; HGPCR2; G protein-coupled receptor 119; G-protein coupled receptor 119; Human GPR119; anti-GPR119 antibody

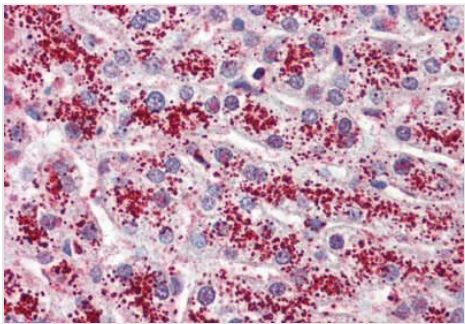
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Gorilla, Human Predicted Reactivity: Monkey, Mouse, Rat, Dog, Hamster, Horse, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPR119. 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	335
Applicable Applications for anti-GPR119 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human GPR119. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bat (100%); Marmoset, Mouse, Hamster, Panda, Dog, Horse (95%).
Immunogen Type	Synthetic peptide
Immunogen	GPR119 antibody was raised against synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human GPR119. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bat (100%); Marmoset, Mouse, Hamster, Panda, Dog, Horse (95%); Rat, Elephant, Rabbit (90%); Bovine, Pig (80%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GPR119 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPR119 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR119 antibody	GPR119, a Lysophospholipid/Lysosphingolipid Receptor, has been shown to affect insulin secretion from pancreatic beta cells.
Product Categories/Family for anti-GPR119 antibody	Family: GPCR; Subfamily: Lysophospholipid/Lysosphingolipid

NCBI AND UNIPROT INFORMATION

NCBI GI #	30425400
NCBI GeneID	139760
NCBI Accession #	NP_848566.1
NCBI GenBank Nucleotide #	NM_178471.2
UniProt Accession #	Q8TDV5; Q495H7; Q4VBN3
Molecular Weight	36,889 Da
NCBI Official Full Name	glucose-dependent insulinotropic receptor
NCBI Official Synonym Full Names	G protein-coupled receptor 119
NCBI Official Symbol	GPR119
NCBI Official Synonym Symbols	GPCR2
NCBI Protein Information	glucose-dependent insulinotropic receptor; G-protein coupled receptor 2
UniProt Protein Name	Glucose-dependent insulinotropic receptor
UniProt Gene Name	GPR119
UniProt Entry Name	GP119_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.