

Rabbit anti-Human, Mouse GPR119 Polyclonal Antibody | anti-GPR119 antibody

GPR119 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325508	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

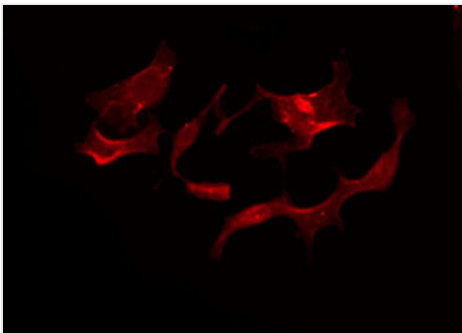
PRODUCT SYNONYMS

GPR119; Polyclonal Antibody; GPR119 Antibody; G protein coupled receptor 119; G protein coupled receptor 2; G-protein coupled receptor 119; Glucose dependent insulinotropic receptor; Glucose-dependent insulinotropic receptor; GP119_HUMAN; GPCR 2; GPCR2; GPR 119; Gpr119; HGPCR 2; HGPCR2; MGC119957; Seven transmembrane helix receptor; anti-GPR119 antibody

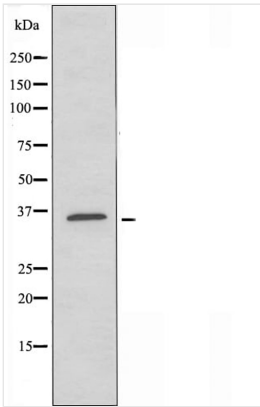
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GPR119 antibody detects endogenous levels of total GPR119
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	335
Applicable Applications for anti-GPR119 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Predominantly expressed in the pancreas, especially in the islets.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (91%), Bovine (91%), Horse (91%), Sheep (82%), Rabbit (91%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325508 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from K562 cells, using GPR119 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR119 antibody	Function: Receptor for the endogenous fatty-acid ethanolamide oleoylethanolamide (OEA) and lysophosphatidylcholine (LPC). Functions as a glucose-dependent insulinotropic receptor. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Seems to act through a G(s) mediated pathway. Similarity: Belongs to the G-protein coupled receptor 1 family.
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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	Observed: 37 kD Predicted: 37 kDa
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
UniProt Protein Name	Glucose-dependent insulinotropic receptor
UniProt Gene Name	GPR119

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.