



GPR119 rabbit pAb

Cat No.:ES4819

For research use only

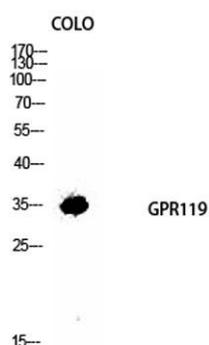
Overview

Product Name	GPR119 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR119. AA range:186-235
Specificity	GPR119 Polyclonal Antibody detects endogenous levels of GPR119 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Glucose-dependent insulinotropic receptor
Gene Name	GPR119
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	37kD
Human Gene ID	139760
Human Swiss-Prot Number	Q8TDV5
Alternative Names	GPR119; Glucose-dependent insulinotropic receptor; G-protein coupled receptor 119
Background	This gene encodes a member of the rhodopsin subfamily of G-protein-coupled receptors that is expressed in the pancreas and gastrointestinal tract. The encoded protein is activated by lipid amides including lysophosphatidylcholine and

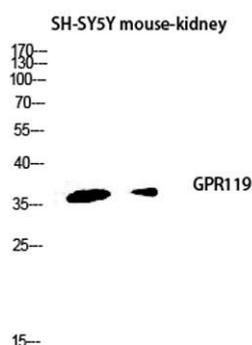




oleoylethanolamide and may be involved in glucose homeostasis. This protein is a potential drug target in the treatment of type 2 diabetes.[provided by RefSeq, Jan 2010],

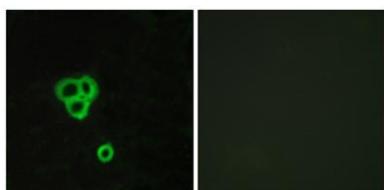


Western Blot analysis of COLO cells using GPR119 Polyclonal Antibody diluted at 1:1000



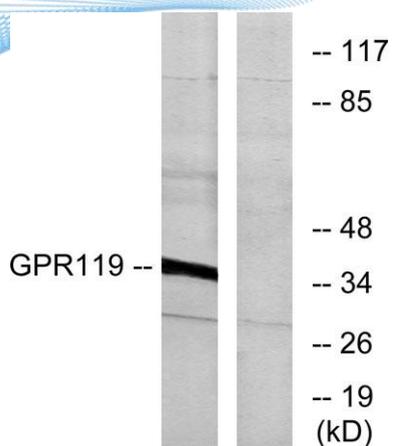
Western blot analysis of SH-SY5Y mouse-kidney lysis using GPR119 antibody. Antibody was diluted at 1:1000

Immunofluorescence analysis of MCF7 cells, using GPR119 Antibody. The picture on the right is blocked with the synthesized peptide.





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Western blot analysis of lysates from K562 cells, using GPR119 Antibody. The lane on the right is blocked with the synthesized peptide.



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