

Goat Anti-GPR119 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1491a**Specification**

Goat Anti-GPR119 Antibody - Product Information

Application	WB, E
Primary Accession	Q8TDV5
Other Accession	NP_848566 , 139760
Reactivity	Human
Predicted	Mouse, Pig
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	36889

Goat Anti-GPR119 Antibody - Additional Information**Gene ID** 139760**Other Names**

Glucose-dependent insulinotropic receptor, G-protein coupled receptor 119, GPR119

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-GPR119 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-GPR119 Antibody - Protein Information**Name** GPR119**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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Predominantly expressed in the pancreas, especially in the islets.

Goat Anti-GPR119 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-GPR119 Antibody - Images

AF1491a (0.3 µg/ml) staining of Human Ovary lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-GPR119 Antibody - 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.

Goat Anti-GPR119 Antibody - References

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G-protein coupled receptors mediating long chain fatty acid signalling in the pancreatic beta-cell. Morgan NG, et al. Biochem Pharmacol, 2009 Dec 15. PMID 19660440.