

Product Name: GPR120 Rabbit Polyclonal Antibody
Catalog #: AP Rab11632



Summary

Production Name	GPR120 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	O3FAR1
Alternative Names	O3FAR1; GPR120; GPR129; PGR4; Omega-3 fatty acid receptor 1; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4
Gene ID	338557.0
SwissProt ID	Q5NUL3.The antiserum was produced against synthesized peptide derived from human GPR120. AA range:221-270

Application

Dilution Ratio	WB 1:500-1:2000, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:5000.Not yet tested in other applications.
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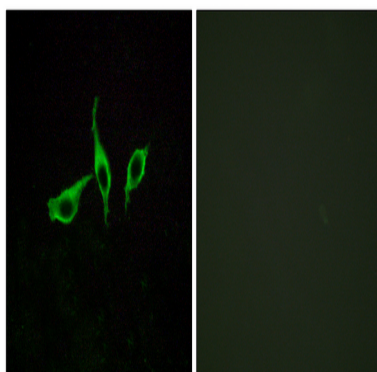
Molecular Weight 38kDa

Background

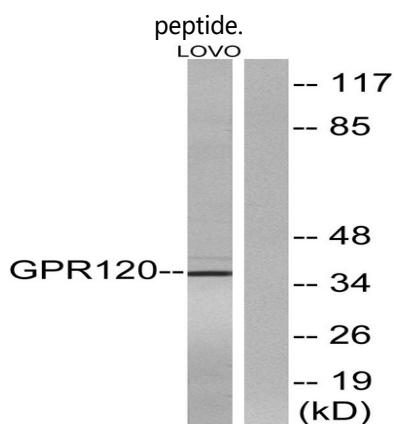
This gene encodes a G protein-coupled receptor (GPR) which belongs to the rhodopsin family of GPRs. The encoded protein functions as a receptor for free fatty acids, including omega-3, and participates in suppressing anti-inflammatory responses and insulin sensitizing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012],function:Receptor for unsaturated long-chain free fatty acid (FAA). Binding of the ligand promotes the secretion of glucagon-like peptide-1 from the gastro-intestinal tract.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Abundant expression in the intestinal tract.,

Research Area

Image Data

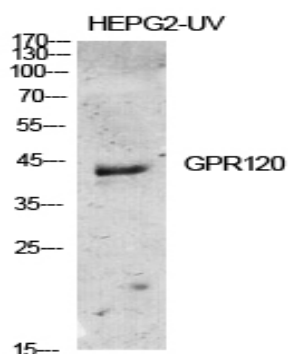


Immunofluorescence analysis of LOVO cells, using GPR120 Antibody. The picture on the right is blocked with the synthesized

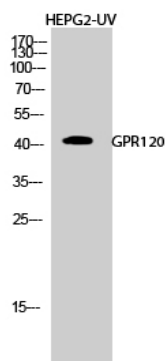


Western blot analysis of lysates from LOVO cells, using GPR120 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using GPR120 Polyclonal Antibody diluted at 1: 500



Western Blot analysis of HEPG2-UV cells using GPR120 Polyclonal Antibody diluted at 1: 500

Note

For research use only.