

Goat Anti-Apolipoprotein F Antibody
Peptide-affinity purified goat antibody
Catalog # AF1087a**Specification**

Goat Anti-Apolipoprotein F Antibody - Product Information

Application	WB, IHC, E
Primary Accession	Q13790
Other Accession	NP_001629 , 319
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	35399

Goat Anti-Apolipoprotein F Antibody - Additional Information**Gene ID** 319**Other Names**

Apolipoprotein F, Apo-F, Lipid transfer inhibitor protein, LTIP, APOF

DilutionWB~~1:1000
IHC~~1:100~500
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-Apolipoprotein F Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Apolipoprotein F Antibody - Protein Information**Name** APOF**Function**

Minor apolipoprotein that associates with LDL. Inhibits cholesteryl ester transfer protein (CETP) activity and appears to be an important regulator of cholesterol transport. Also associates to a

lesser degree with VLDL, Apo-AI and Apo-AII.

Cellular Location

Secreted

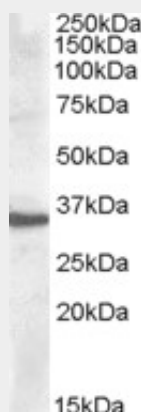
Tissue Location

Expressed by the liver and secreted in plasma.

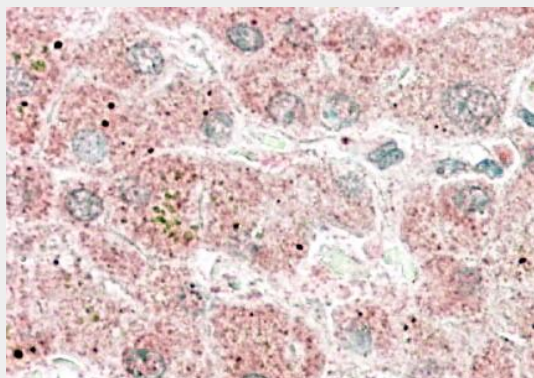
Goat Anti-Apolipoprotein F Antibody - Protocols

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-Apolipoprotein F Antibody - Images

AF1087a (0.5 µg/ml) staining of Human Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1087a (3.8 µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-Apolipoprotein F Antibody - Background

The product of this gene is one of the minor apolipoproteins found in plasma. This protein forms complexes with lipoproteins and may be involved in transport and/or esterification of cholesterol.

Goat Anti-Apolipoprotein F Antibody - References

Physiogenomic analysis of statin-treated patients: domain-specific counter effects within the ACACB gene on low-density lipoprotein cholesterol? Ruaño G, et al. Pharmacogenomics, 2010 Jul. PMID 20602615.

Large-scale candidate gene analysis of spontaneous clearance of hepatitis C virus. Mosbruger TL, et al. J Infect Dis, 2010 May 1. PMID 20331378.

Candidate genetic analysis of plasma high-density lipoprotein-cholesterol and severity of coronary atherosclerosis. Chen SN, et al. BMC Med Genet, 2009 Oct 30. PMID 19878569.

Control of cholesteryl ester transfer protein activity by sequestration of lipid transfer inhibitor protein in an inactive complex. He Y, et al. J Lipid Res, 2008 Jul. PMID 18369235.

Lipid transfer inhibitor protein (apolipoprotein F) concentration in normolipidemic and hyperlipidemic subjects. Morton RE, et al. J Lipid Res, 2008 Jan. PMID 17901467.