

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

Specification

Goat Anti-Apolipoprotein F Antibody - Product Information

| | |
|-------------------|---|
| Application | WB, IHC |
| 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

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

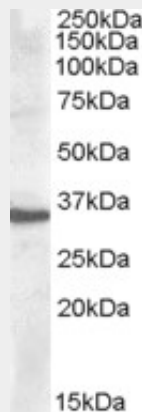
Expressed by the liver and secreted in plasma.

Goat Anti-Apolipoprotein F Antibody - Protocols

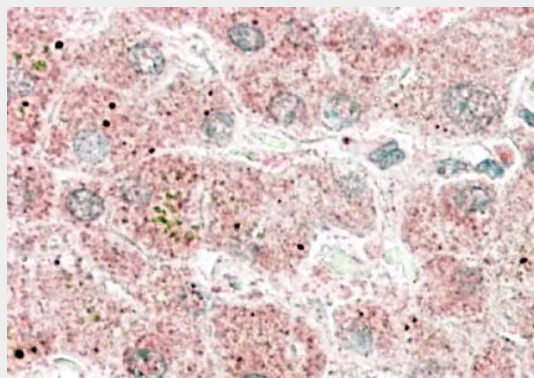
Provided below are standard protocols that you may find useful for product applications.

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

Goat Anti-Apolipoprotein F Antibody - Images



AF1087a (0.5 $\mu\text{g/ml}$) staining of Human Liver lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1087a (3.8 $\mu\text{g/ml}$) 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. Mosbrugger 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.