

Goat Anti-APOM Antibody
Peptide-affinity purified goat antibody
Catalog # AF1090a**Specification**

Goat Anti-APOM Antibody - Product Information

Application	IHC
Primary Accession	O95445
Other Accession	NP_061974 , 55937
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	21253

Goat Anti-APOM Antibody - Additional Information**Gene ID** 55937**Other Names**

Apolipoprotein M, Apo-M, ApoM, Protein G3a, APOM, G3A, NG20

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-APOM Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-APOM Antibody - Protein Information**Name** APOM**Synonyms** G3A, NG20**Function**

Probably involved in lipid transport. Can bind sphingosine-1- phosphate, myristic acid, palmitic acid and stearic acid, retinol, all- trans-retinoic acid and 9-cis-retinoic acid.

Cellular Location

Secreted. Note=Present in high density lipoprotein (HDL) and to a lesser extent in triglyceride-rich lipoproteins (TGRLP) and low density lipoproteins (LDL)

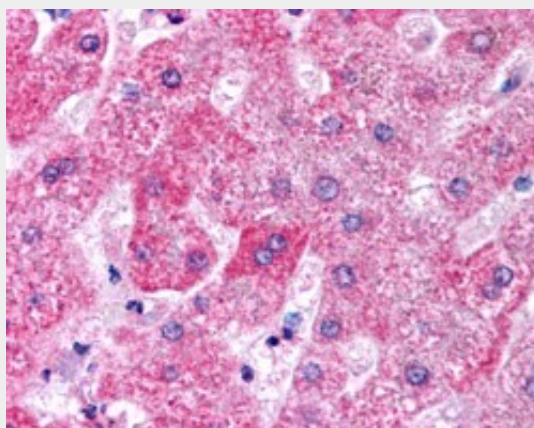
Tissue Location

Plasma protein. Expressed in liver and kidney.

Goat Anti-APOM 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-APOM Antibody - Images

AF1090a (5 µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Goat Anti-APOM Antibody - Background

The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Two transcript variants encoding two different isoforms have been found for this gene, but only one of them has been fully characterized.

Goat Anti-APOM Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

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Plasma concentrations of apolipoproteins A-I, B, and M in patients with critical limb ischemia.

Ahnström J, et al. Clin Biochem, 2010 Apr. PMID 20080084.

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