



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Goat Anti-APOM

With HRP-conjugated Secondary Antibody

Catalog No.

ER-14-0162

Accession Number

NP_061974.2.

Target Protein

Principal Names: NG20, G3a, NG20-like protein, NG20, MGC22400, HSPC336, G3a, apolipoprotein M, APOM

Official Symbol: APOM

Accession Number(s): NP_061974.2

Human GeneID(s): 55937

Immunogen

Peptide with sequence PRNQEACELSNN, from the C Terminus of the protein sequence according to NP_061974.2.

Purification and Storage

Purified from goat serum by ammonium sulfate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: Antibody detection limit dilution 1:8000.

Western blot: Preliminary experiments gave an approx 50kDa band in Human Kidney and Liver lysates after 0.2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 21.3kDa according to NP_061974.2. We do note that ApoM is a glycoprotein which makes a higher size band to be expected. The 50kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from researchers.

IHC: In paraffin embedded Human Liver shows strong stain of cytoplasm in select hepatocytes. Recommended concentration, 3-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Background Reference

Xu N, Nilsson-Ehle P, Ahren B. Correlation of apolipoprotein M with leptin and cholesterol in normal and obese subjects. J Nutr Biochem. 2004 Oct;15(10):579-82. PMID: 15542348

Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**