

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: K23300R **Lot #:** 2C07015
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Description: Rabbit anti Mouse Apo B48/100
Rabbit Antibody to Mouse Apolipoprotein B48/100 (Apo B48/100)

Specificity: Recognizes mouse as well as human Apo B48 and B100 as these proteins are highly conserved.

Host Animal: New Zealand Rabbit

Immunogen: Mouse low density lipoprotein (LDL).

Format: Neat, Liquid

Purification: Not Applicable
Heat Inactivated
Product is 0.22 µm filtered.

Concentration: Not Determined

Buffer: Not Applicable

Preservative: 0.02% Sodium Azide

Application: Suitable for Immunoblotting. Recommended starting dilution is 1:500. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Upon receipt, aliquot and store at -70°C. Avoid multiple freeze/thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.



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References:

The references listed below are for research purposes only:

1. Basso, F., et al., (2007), "Hepatic ABCG5/G8 Overexpression Reduces apoB-lipoproteins and Atherosclerosis When Cholesterol Absorption is Inhibited", J. Lipid Res., **48**:114-126.
2. Brown, R.J., et al., (2004), "Severe Hypoalphalipoproteinemia in Mice Expressing Human Hepatic Lipase Deficient in Binding to Heparan Sulfate Proteoglycan", The Journal of Biological Chemistry, **279**(41): 42403-42409.
3. Fu, T., et al., (2004), "The peroxisome Proliferator-activated Receptor alpha (PPAR alpha) Agonist Ciprofibrate Inhibits Apolipoprotein B mRNA Editing in Low Density Lipoprotein Receptor-deficient Mice", The Journal of Biological Chemistry, **279**(27): 28662-28669.
4. González-Navarro, H., et al., (2004), "The Ligand-binding Function of Hepatic Lipase Modulates the Development of Atherosclerosis in Transgenic Mice", The Journal of Biological Chemistry, **279**(44): 45312-45321.
5. Maric, J., et al., (2005), "Intracellular Lipidation of Newly Synthesized Apolipoprotein A-I in Primary Murine Hepatocytes", The Journal of Biological Chemistry, **280**(48): 39942-39949.
6. Hayhurst, G.P., et al., (2001), "Hepatocyte Nuclear Factor 4alpha (Nuclear Receptor 2A1) is Essential for Maintenance of Hepatic Gene Expression and Lipid Homeostasis", Molecular and Cellular Biology, **21**(4): 1393-1403.
7. Vaisman, B.L., et al., (2001), "ABCA1 overexpression leads to hyperalphalipoproteinemia and increased biliary cholesterol excretion in transgenic mice", J. Clin. Invest., **108**: 303-309.

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY