



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat Anti ANGPTL4

With HRP-conjugated Secondary Antibody

Catalog No.

ER-14-0143

Target Species

Human

Accession Number

NP_065606.1

Description

Synonyms: Angptl4; angiopoietin-like 4; ARP4; FIAF; HFARP; Bk89; Ng27; PGAR; pp1158; PPARG; fibrinogen/angiopoietin-related protein; major histocompatibility complex region NG27

Official Symbol: ANGPTL4

Preparation

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

Immunogen: Peptide with sequence C-HLDNGVDKTSRGKK, from the internal region of the protein sequence according to NP_065606.1.

Presentation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Specificity

Peptide ELISA: Antibody detection limit dilution 1:32000.

Western Blot: Preliminary experiments gave an approx 26kDa band in Mouse Liver and Rat Liver lysates after 0.5µg/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 45.5kDa according to Mouse NP_065606.1. The 26kDa band was successfully blocked by incubation with the immunizing peptide.

*May react with Mouse and Rat due to sequence similarity

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

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



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Secondary Antibody Applications

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

Reference

Lichtenstein L, Berbée JF, van Dijk SJ, van Dijk KW, Bensadoun A, Kema IP, Voshol PJ, Müller M, Rensen PC, Kersten S. Angptl4 upregulates cholesterol synthesis in liver via inhibition of LPL- and HL-dependent hepatic cholesterol uptake.

Arterioscler Thromb Vasc Biol. 2007 Nov;27(11):2420-7. Epub 2007 Aug 30.

PMID: 17761937

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