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ANGPTL4 (N) Antibody, Rabbit Polyclonal

Cat#: R0212-1

Quantity: 100 ul

Predicted M.W.: 45 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9BY76

Background:

Angiopoietin-related protein 4 (ANGPTL4) is a glycosylated, secreted protein with a fibrinogen C-terminal domain, which is a member of the angiopoietin/angiopoietin-like gene family. ANGPTL4 is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. ANGPTL4 is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. ANGPTL4 may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. Alternatively spliced transcript variants encoding different isoforms have been described (provided by RefSeq).

Other Names:

Angiopoietin-related protein 4, Angiopoietin-like protein 4, Hepatic fibrinogen/angiopoietin-related protein, ARP4, HFARP, PGAR

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human ANGPTL4. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

Product Data:

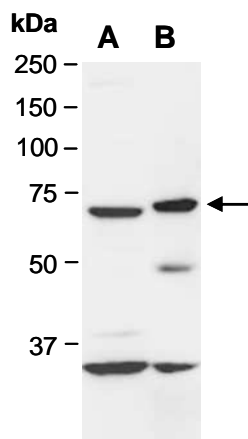


Fig 1. Western blot of total cell extracts from (A) human HeLa, (B) mouse liver, using Ab (R0212-1) at RT for 2 h. The observed M.W. of ANGPTL4 is approximately 70 kD.