

ANGPTL4 Polyclonal antibody

catalog number: **AN006110L**

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

Description

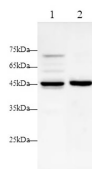
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|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant Mouse ANGPTL4 protein expressed by Mammalian |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen Affinity Purification |
| Buffer | PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4 |

Applications

Recommended Dilution

| | |
|-----------|--------------|
| WB | 1:500-1:1000 |
|-----------|--------------|

Data



Western blot with Anti ANGPTL4 Polyclonal antibody at dilution of 1:1000. Lane 1: A549 cell lysate, Lane 2: HT-29 cell lysate.

Observed-MW:50 kDa

Calculated-MW:45 kDa

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Angiopoietin-related protein 4 (ANGPTL4) is a secreted protein and contains 1 fibrinogen C-terminal domain. The protein may act as a regulator of angiogenesis and modulate tumorigenesis. It inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. ANGPTL4 may exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity (By similarity). In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation.

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