

Datasheet for ABIN7144121
anti-ANGPTL4 antibody (AA 26-406)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	ANGPTL4
Binding Specificity:	AA 26-406
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANGPTL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Angiopoietin-related protein 4 protein (26-406AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	ANGPTL4
Alternative Name:	ANGPTL4 (ANGPTL4 Products)
Background:	Background: Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and

Target Details

tubule formation of endothelial cells and reduces vascular leakage. 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. 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.

Aliases: Angiopoietin like 4 antibody, Angiopoietin related protein 4 antibody, Angiopoietin-like protein 4 antibody, Angiopoietin-related protein 4 antibody, ANGL4_HUMAN antibody, ANGPT L2 antibody, ANGPT L4 antibody, ANGPTL2 antibody, Angptl4 antibody, ARP4 antibody, Fasting induced adipose factor antibody, FIAF antibody, HARP antibody, Hepatic angiopoietin related protein antibody, Hepatic fibrinogen/angiopoietin related protein antibody, Hepatic fibrinogen/angiopoietin-related protein antibody, HFARP antibody, NL2 antibody, Peroxisome proliferator-activated receptor (PPAR) gamma induced angiopoietin related protein antibody, PGAR antibody, pp1158 antibody, PPARG angiopoietin related protein antibody, PSEC0166 antibody, TGQTL antibody, UNQ171 antibody, Weakly similar to angiopoietin 1 [H.sapiens] antibody

UniProt: [Q9BY76](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

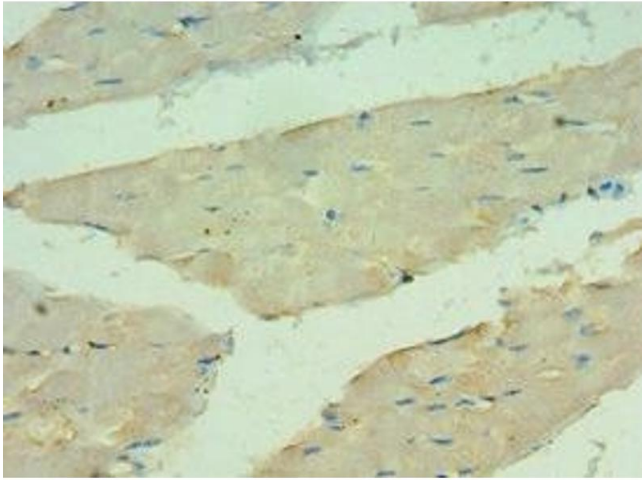
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

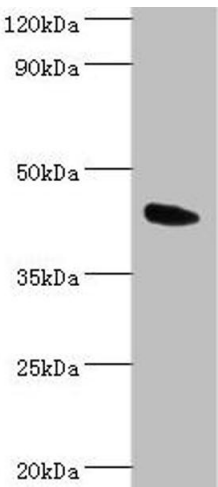
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



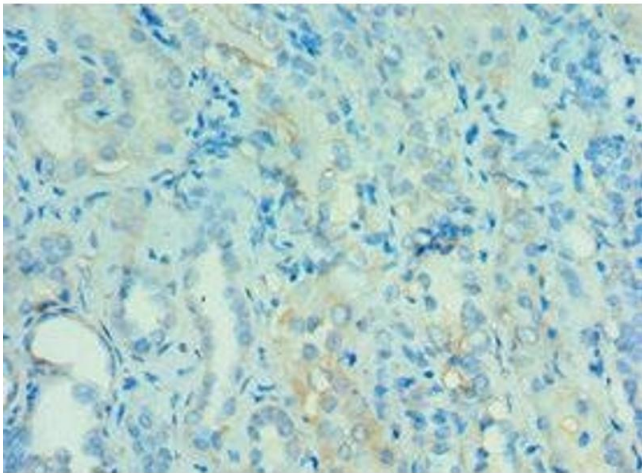
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using ABIN7144121 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: Angiopoietin-related protein 4 antibody at 2 µg/mL + Mouse heart tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 46, 41, 27 kDa Observed band size: 46 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7144121 at dilution of 1:100