

anti- ANGPTL4 antibody

Product Information

Catalog No.:	FNab00399
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and 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(By similarity).

Immunogen information

Immunogen:	angiopoietin-like 4
Synonyms:	Angiopoietin like 4, Angiopoietin like protein 4, Angiopoietin related protein 4, ANGPTL2, ANGPTL4, ARP4, FIAF, HFARP, NL2, PGAR, pp1158, PSEC0166, UNQ171/PRO197
Observed MW:	45 kDa
Uniprot ID :	Q9BY76

Wuhan Fine Biotech Co., Ltd.

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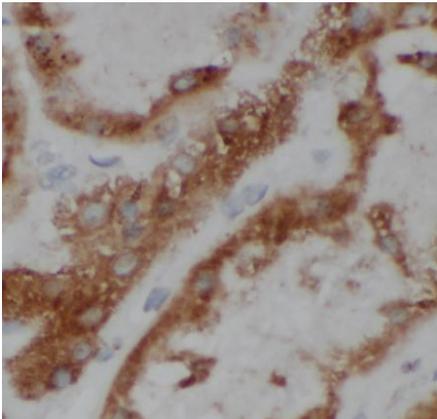
Application

Reactivity: Human, Mouse

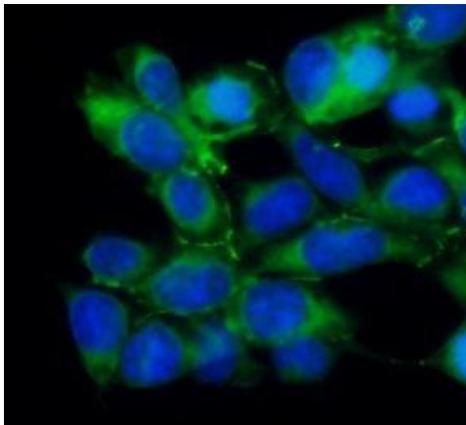
Tested Application: ELISA, IHC, IF, IP, WB

Recommended dilution: WB: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200; IP: 1:200-1:2000

Image:



Immunohistochemistry of paraffin-embedded human kidney slide using FNab00399(ANGPTL4 Antibody) at dilution of 1:50



Immunofluorescent analysis of (-20 °C Ethanol) fixed HEK-293 cells using FNab00399 (ANGPTL4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)

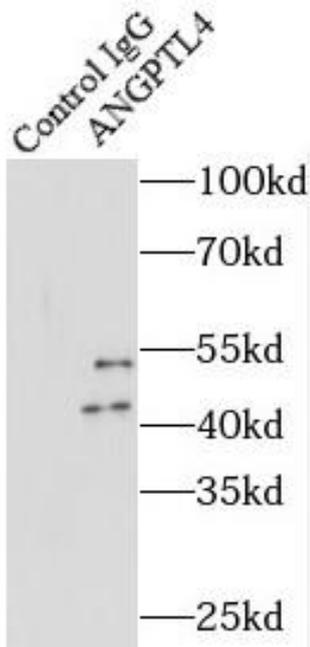
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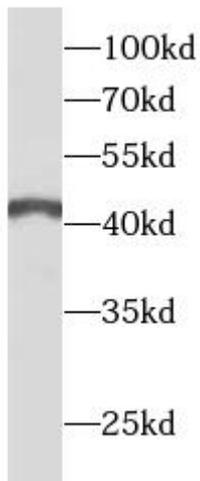
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www.fn-test.com



IP Result of anti-ANGPTL4 (IP:FNab00399, 4ug;
Detection:FNab00399 1:500) with mouse heart
tissue lysate 4000ug.



HEK-293 cells were subjected to SDS PAGE
followed by western blot with
FNab00399(ANGPTL4 Antibody) at dilution of
1:1000