

Nur für Forschungszwecke

ANGPTL4 Polyklonaler Antikörper

Katalog-Nr.:18374-1-AP

Vorgestelltes Produkt

18 Publikationen



Allgemeine Informationen

Katalog-Nr.:
18374-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von
Nanodrop und 287 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG13237

GenBank-Zugangsnummer:
BC023647

GeneID (NCBI):
51129

Vollständiger Name:
angiopoietin-like 4

Berechnete Masse:
45 kDa

Beobachtete Masse:
45-50 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:50-1:500
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

**Hinweis-IHC: Antigenmaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigenmaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : Mausherzgewebe, HEK-293-Zellen,
Mausnierengewebe, Rattenherzgewebe

IP : Mausherzgewebe,

IHC : humanes Nierengewebe, humanes
Eierstockgewebe, humanes Herzgewebe, humanes
Ösophaguskarzinomgewebe

IF : NIH/3T3-Zellen, HEK-293-Zellen

Hintergrundinformationen

Angiopoietin-like protein 4 (ANGPTL4), a member of the angiopoietin-like protein subfamily, is a secretory protein that functions as an important modulator of glucose and lipid metabolism. ANGPTL4 inhibits lipoprotein lipase (LPL)-dependent lipolysis thereby limiting the uptake of free fatty acids. Overexpression of ANGPTL4 results in hypertriglyceridemia, while ANGPTL4 deficiency suppresses foam formation in macrophages and protects against atherosclerosis. 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. ANGPTL4 has three isoforms, 45 kDa, 41 kDa and 27 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Akrit Sodhi	31545295	J Clin Invest	IP
Xinyue Yang	31494661	Med Sci Monit	WB
Yue-Hua Jiang	33039628	J Ethnopharmacol	

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

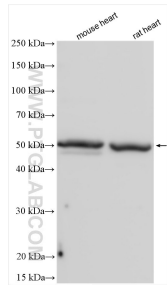
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

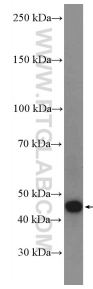
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech
Group brand and is not available to purchase from any
other manufacturer.

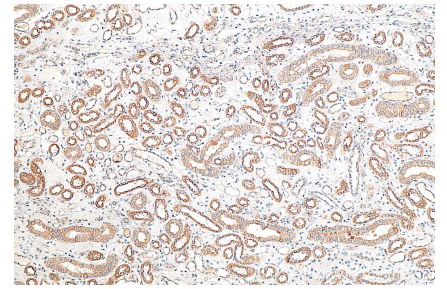
Ausgewählte Validierungsdaten



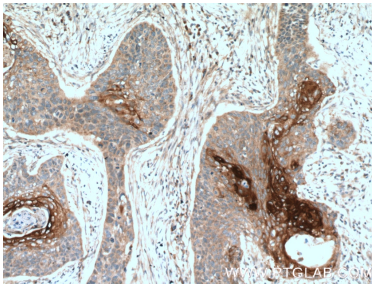
Various lysates were subjected to SDS PAGE followed by western blot with 18374-1-AP (ANGPTL4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



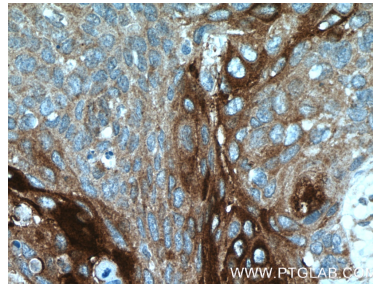
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 18374-1-AP (ANGPTL4 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



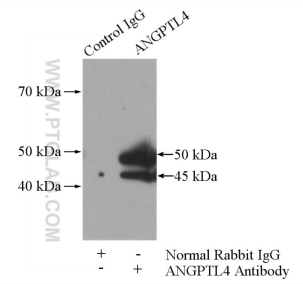
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18374-1-AP (ANGPTL4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



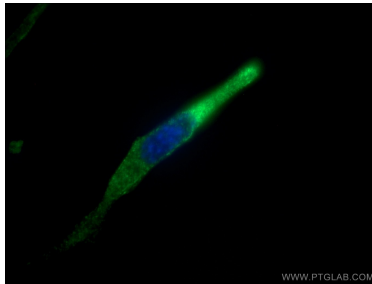
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 18374-1-AP (ANGPTL4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 18374-1-AP (ANGPTL4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ANGPTL4 (IP:18374-1-AP, 4 μ g; Detection:18374-1-AP 1:500) with mouse heart tissue lysate 4000 μ g.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using 18374-1-AP (ANGPTL4 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).