

Allgemeine Informationen

Katalog-Nr.: 67577-1-Ig	GenBank-Zugangsnummer: BC023647	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2100 µg/ml von51129 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 51129	CloneNo.: 1D2H6
Wirt: Maus	Vollständiger Name: angiopoietin-like 4	Empfohlene Verdünnungen: WB 1:1000-1:5000 IF 1:200-1:800
Isotyp: IgG2b	Berechnete Masse: 45 kDa	
Immunogen Katalognummer: AG30070	Beobachtete Masse: 45-50 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, WB	WB : humanes Plazenta-Gewebe, A549-Zellen, Caco-2-Zellen, COLO 320-Zellen, HT-29-Zellen, Maushirngewebe
Getestete Reaktivität: Human, Maus	IF : NIH/3T3-Zellen,
Zitierte Arten: Human	

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
Xingzhao Ji	36352407	BMC Biol	WB,IF

Lagerung

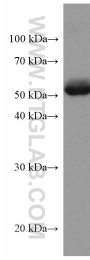
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

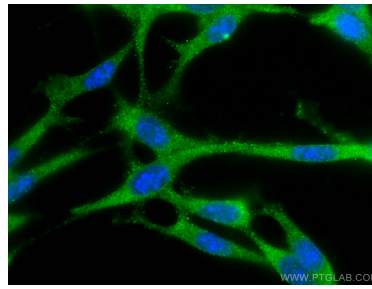
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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Ausgewählte Validierungsdaten



human placenta tissue were subjected to SDS PAGE followed by western blot with 67577-1-Ig (ANGPTL4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using ANGPTL4 antibody (67577-1-Ig, Clone: 1D2H6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).