

Allgemeine Informationen

Katalog-Nr.: 66239-1-Ig	GenBank-Zugangsnummer: BC096308	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1800 µg/ml von9370 Nanodrop und 893 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 9370	CloneNo.: 5D8A7
Wirt: Maus	Vollständiger Name: adiponectin, C1Q and collagen domain containing	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:16000-1:64000 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 244 aa, 26 kDa	
Immunogen Katalognummer: AG17383	Beobachtete Masse: 29 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : humanes Fettgewebe, IHC : Maus-Skelettmuskelgewebe, braunes Mausfettgewebe, humanes Plazenta-Gewebe, humanes Prostatakarzinomgewebe, Maushautgewebe IF : 3T3-L1-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Hausschwein, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Adiponectin (AdipoQ), an adipocyte-derived hormone, is one of the most abundant adipokines in the blood circulation. Adiponectin modulates a number of metabolic processes, including improving INS sensitivity and anti-inflammatory activity. The role of AdipoQ in reproduction is not yet fully understood, but the expression of AdipoQ in reproductive tissues has been observed in various animals and humans, including chicken testis, bovine ovary, and human placenta. Adiponectin exerts its effects by activating a range of different signaling molecules via binding to two transmembrane AdipoQ receptors, AdipoR1 and AdipoR2. AdipoR1 is expressed primarily in the skeletal muscle, whereas AdipoR2 is predominantly expressed in the liver. AdipoQ May play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiaoling Chen	34543141	Anim Biotechnol	WB
Lu Xiang	33703997	Anim Biotechnol	WB
Xiaoling Chen	33667291	Food Funct	WB

Lagerung

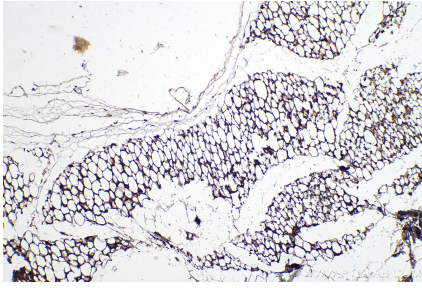
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

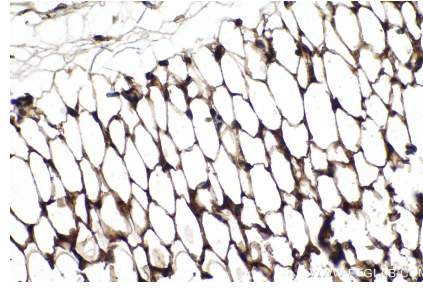
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

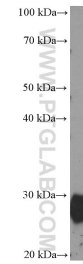
Ausgewählte Validierungsdaten



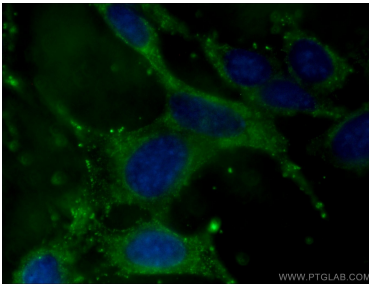
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 66239-1-Ig (Adiponectin antibody) at dilution of 1:32000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 66239-1-Ig (Adiponectin antibody) at dilution of 1:32000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human adipose tissue were subjected to SDS PAGE followed by western blot with 66239-1-Ig (ADIPOQ Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed 3T3-L1 cells using 66239-1-Ig (Adiponectin antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).