

À des fins de recherche uniquement

Anticorps Monoclonal anti-Adiponectin



Numéro de catalogue: 66239-1-Ig **4 Publications**

Informations de base

Numéro de catalogue: 66239-1-Ig	Numéro d'acquisition GenBank: BC096308	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1800 µg/ml by Nanodrop and 893 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 9370	CloneNo.: 5D8A7
Hôte: Mouse	Nom complet: adiponectin, C1Q and collagen domain containing	Dilutions recommandées: WB 1:500-1:2000 IHC 1:16000-1:64000 IF 1:50-1:500
Isotype: IgG1	MW calculé 244 aa, 26 kDa	
Immunogen Catalog Number: AG17383	MW observés: 29 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

porc, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu adipeux humain,

IHC : tissu de muscle squelettique de souris, tissu adipeux brun de souris, tissu cutané de souris, tissu de cancer de la prostate humain, tissu placentaire humain

IF : cellules 3T3-L1,

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoling Chen	34543141	Anim Biotechnol	WB
Lu Xiang	33703997	Anim Biotechnol	WB
Xiaoling Chen	33667291	Food Funct	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

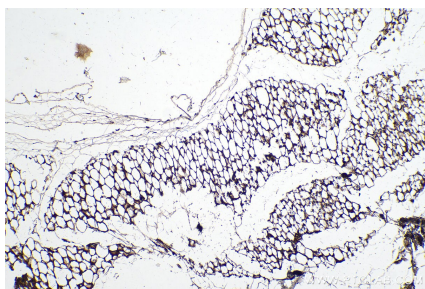
For technical support and original validation data for this product please contact:

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

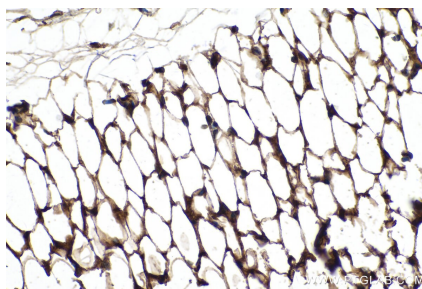
E: proteintech@ptglab.com
W: ptglab.com

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

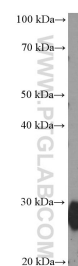
Données de validation sélectionnées



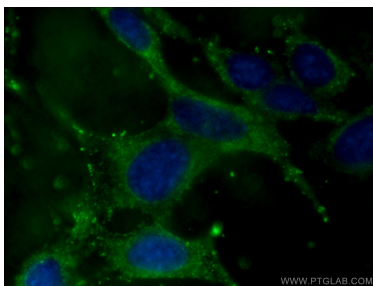
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 66239-1-Ig (Adiponectin antibody) at dilution of 1:32000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).