

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ATP6VOD1



Numéro de catalogue: 18274-1-AP

13 Publications

Informations de base

Numéro de catalogue:

18274-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG13002

Numéro d'acquisition GenBank:

BC008861

Identification du gène (NCBI):

9114

Nom complet:

ATPase, H⁺ transporting, lysosomal 38kDa, VO subunit d1

MW calculé

351 aa, 40 kDa

MW observés:

37-41 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IP 0.5-4.0 ug for IP and 1:1000-1:8000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, 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 : cellules HEK-293, cellules HeLa, tissu placentaire humain, tissu rénal de souris, tissu testiculaire de souris

IP : tissu testiculaire de souris,

IHC : tissu rénal humain,

IF : cellules HeLa,

Informations générales

ATP6VOD1(V-type proton ATPase subunit d 1) is also named as ATP6D, VPATPD and belongs to the V-ATPase VOD/AC39 subunit family. It is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ki-Ryeong Kim	36246521	Front Cell Neurosci	WB
Vishwanatha K Rao	30317586	J Cell Physiol	WB
Otomo Takanobu T	21846724	J Biol Chem	WB,IF

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.

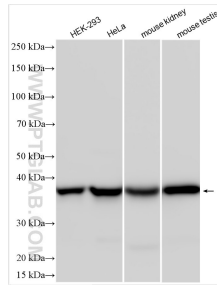
For technical support and original validation data for this product please contact:

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

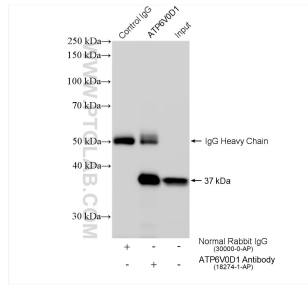
E: proteintech@ptglab.com
W: ptglab.com

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

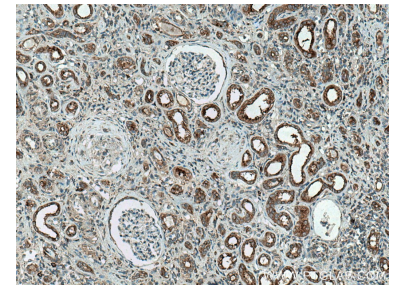
Données de validation sélectionnées



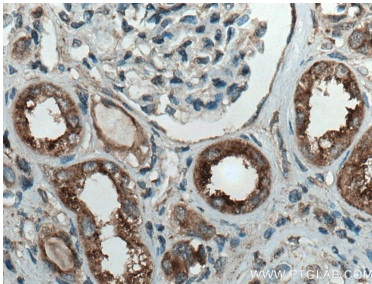
Various lysates were subjected to SDS PAGE followed by western blot with 18274-1-AP (ATP6V0D1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



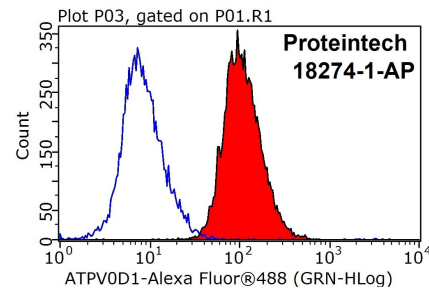
IP result of anti-ATP6V0D1(IP:18274-1-AP, 4ug; Detection:18274-1-AP 1:4000) with mouse testis tissue lysate 1120 ug.



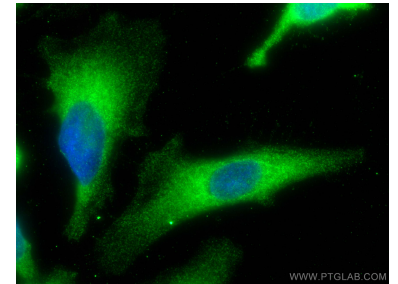
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18274-1-AP (ATP6V0D1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18274-1-AP (ATP6V0D1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ HeLa cells were stained with 0.2ug ATP6V0D1 antibody (18274-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using ATP6V0D1 antibody (18274-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).