

Allgemeine Informationen

Katalog-Nr.:
18274-1-AP

Größe:
150ul , Konzentration: 300 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG13002

GenBank-Zugangsnummer:
BC008861

GeneID (NCBI):
9114

Vollständiger Name:
ATPase, H⁺ transporting, lysosomal
38kDa, VO subunit d1

Berechnete Masse:
351 aa, 40 kDa

Beobachtete Masse:
37-40 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:50-1:500
IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

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

Positivkontrollen:

WB: Maushodengewebe, HeLa-Zellen, humanes Plazenta-Gewebe, Mausnierengewebe

IP: Maushodengewebe,

IHC: humanes Nierengewebe,

IF: HeLa-Zellen,

Hintergrundinformationen

ATP6V0D1(V-type proton ATPase subunit d 1) is also named as ATP6D, VPATPD and belongs to the V-ATPase V0D/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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
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

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**

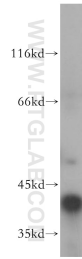
For technical support and original validation data for this product please contact:

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

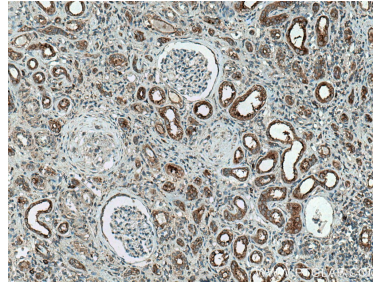
E: proteintech@ptglab.com
W: ptglab.com

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

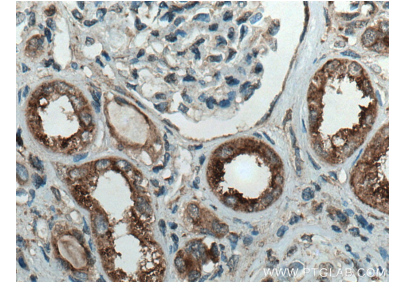
Ausgewählte Validierungsdaten



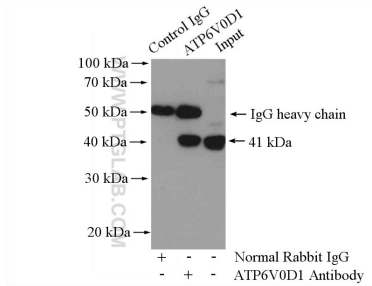
mouse testis tissue were subjected to SDS PAGE followed by western blot with 18274-1-AP (ATP6VOD1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



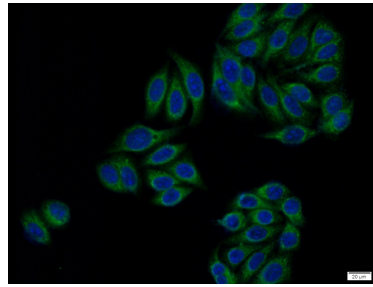
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18274-1-AP (ATP6VOD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



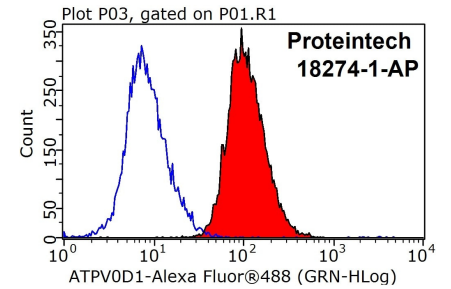
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 18274-1-AP (ATP6VOD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ATP6VOD1 (IP:18274-1-AP, 4 μ g; Detection:18274-1-AP 1:500) with mouse testis tissue lysate 4800 μ g.



Immunofluorescent analysis of HeLa cells using 18274-1-AP (ATP6VOD1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1 $\times 10^6$ HeLa cells were stained with 0.2 μ g ATP6VOD1 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.