

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ATP6VOA4



Numéro de catalogue: 21570-1-AP

Phare

1 Publications

Informations de base

Numéro de catalogue: 21570-1-AP	Numéro d'acquisition GenBank: BC109305	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 260 µg/ml by Nanodrop and 187 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 50617	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: ATPase, H ⁺ transporting, lysosomal V0 subunit a4	
Isotype: IgG	MW calculé: 840 aa, 96 kDa	
Immunogen Catalog Number: AG16095	MW observés: 100 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IHC

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

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 rénal de souris,

IHC : tissu rénal humain,

Informations générales

The ATP6VOA4 is a component of vacuolar-H⁺ATPase (V-ATPase) which is a multi-subunit enzyme that couples ATP hydrolysis to proton pumping across membranes. The V-ATPases are comprised of two major parts, the cytosolic V1 domain involved in ATP-binding and subsequent hydrolysis, and the membrane-associated V0 domain responsible for proton translocation. The V0 domain is composed of five subunits: a, c, c', c'' and d. The 'a' subunit of V0 domain has four isoforms: a1-a4. It has been found that mutations in ATP6VOA4(a4) are associated with distal renal tubular acidosis (dRTA) combined in some cases with progressive hearing loss leading to sensorineural deafness. This antibody was generated against the internal region of human ATP6VOA4 and is predicted to detect the a4 isoform only.

Publications notables

Autrice	Pubmed ID	Journal	Application
Jinming Xu	37559594	Oncol Lett	IHC

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.

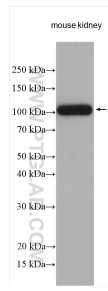
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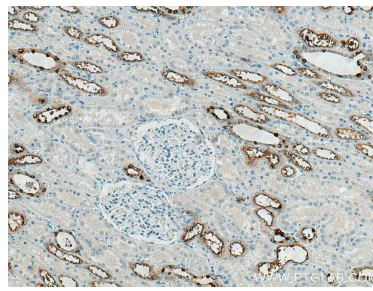
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Mouse kidney lysates were subjected to SDS PAGE followed by western blot with 21570-1-AP (ATP6VOA4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21570-1-AP (ATP6VOA4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).