À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ATP6V1D

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:14920-1-AP 4 Publications

Informations de base

Numéro de catalogue:
14920-1-AP

Taille:
150ul , Concentration: 500 μg/ml by Nanodrop and 353 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG6737

Numéro d'acquisition GenBank:
BC001411

Identification du gène (NCBI):
51382

Nom complet:
ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D

MW calculé
28 kDa

MW observés:
28 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2400
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200

Applications

Applications testées:
FC, IHC, IP, WB,ELISA

Demandes citées:
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; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral humain, tissu de muscle squelettique de souris, tissu pulmonaire de rat, tissu pulmonaire de souris

IP : tissu pulmonaire de souris,

IHC : tissu de cancer du poumon humain,

Informations générales

ATP6V1D is also named as ATP6M, VATD(V-type proton ATPase subunit D) and belongs to the V-ATPase D subunit family. ATP6V1D gene has been under strong negative selection during evolution and is highly conserved among mammals, flies, worms, yeast, plants, and bacteria(PMID:11435709). 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
Jasjot Singh	36266287	Nat Commun	WB
Enrico Castroflorio	33340069	Cell Mol Life Sci	WB
Fatema Akter	36791992	Mol Cell Proteomics	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
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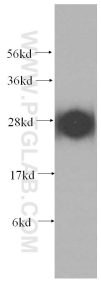
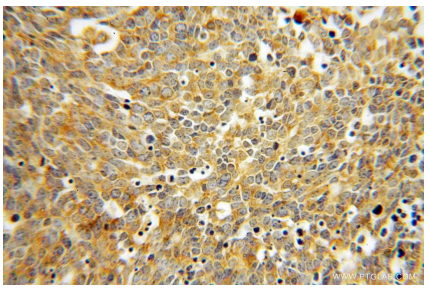
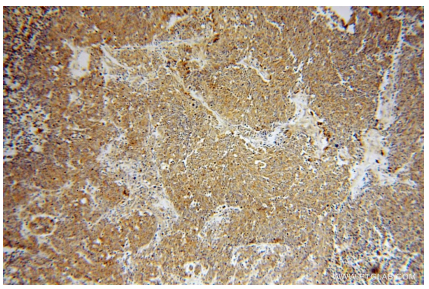
Données de validation sélectionnées



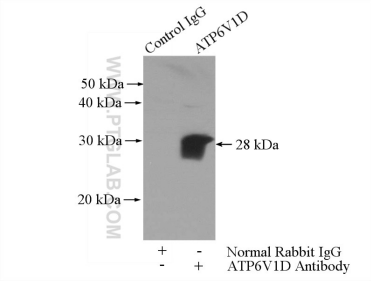
human brain tissue were subjected to SDS PAGE followed by western blot with 14920-1-AP (ATP6V1D antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



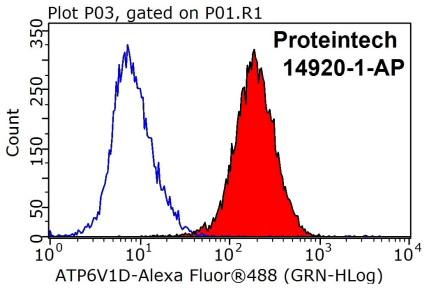
Immunohistochemical analysis of paraffin-embedded human lung cancer using 14920-1-AP (ATP6V1D antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 14920-1-AP (ATP6V1D antibody) at dilution of 1:100 (under 10x lens).



IP Result of anti-ATP6V1D (IP:14920-1-AP, 4ug; Detection:14920-1-AP 1:500) with mouse lung tissue lysate 4000ug.



1X10^6 HeLa cells were stained with 0.2ug ATP6V1D antibody (14920-1-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.