

À des fins de recherche uniquement

Anticorps Monoclonal anti-ATP5O

Numéro de catalogue: 66696-1-Ig



Informations de base

Numéro de catalogue: 66696-1-Ig	Numéro d'acquisition GenBank: BC021233	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 539	CloneNo.: 1D3B8
Hôte: Mouse	Nom complet: ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:500-1:2000 IF 1:50-1:500
Isotype: IgG1	MW calculé 23 kDa	
Immunogen Catalog Number: AG1458	MW observés: 23-25 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain

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 : cellules HeLa, cellules A549, cellules HEK-293, cellules HepG2, cellules Jurkat, cellules K-562, cellules LNCaP, cellules NCI-H1299, cellules THP-1

IHC : tissu de cancer du foie humain, tissu de cancer du côlon humain

IF : cellules HeLa,

Informations générales

ATP5O(ATP synthase subunit O, mitochondrial) is also named as ATPO, OSCP and belongs to the ATPase delta chain family. The gene encodes the oligomycin sensitivity-conferring protein (OSCP) of ATP synthase. The predicted polypeptide is 213 amino acids long with more than 80% identity to the bovine and mouse homologs and it is expressed at highest levels in muscle and heart by the northern blot(PMID:7490082). Many studies have indicated that mitochondrial dysfunction is central to the development of most age-related human diseases including neurodegenerative diseases, cancer, and type 2 diabetes.

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.

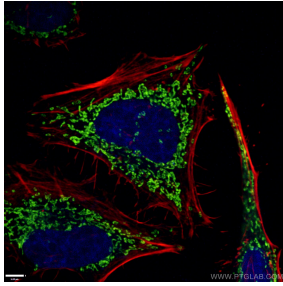
For technical support and original validation data for this product please contact:

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

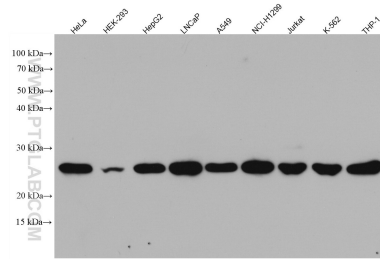
E: proteintech@ptglab.com
W: ptglab.com

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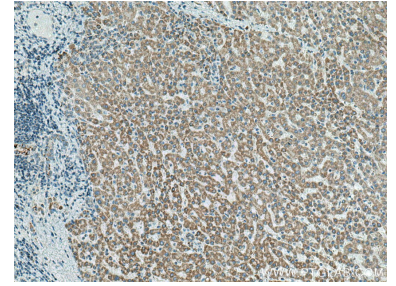
Données de validation sélectionnées



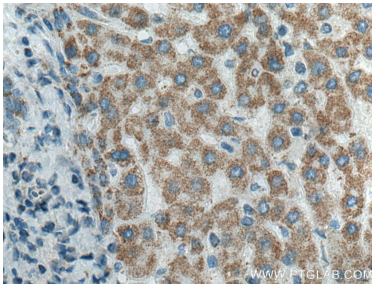
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 66696-1-Ig (ATP5O antibody), at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 66696-1-Ig (ATP5O antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66696-1-Ig (ATP5O antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66696-1-Ig (ATP5O antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).