

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CYB5B



Numéro de catalogue: 15469-1-AP

Phare

3 Publications

Informations de base

Numéro de catalogue:

15469-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7771

Numéro d'acquisition GenBank:

BC004373

Identification du gène (NCBI):

80777

Nom complet:

cytochrome b5 type B (outer mitochondrial membrane)

MW calculé

16 kDa

MW observés:

20-21 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 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, 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 : cellules HepG2, tissu de glande surrénale humain, tissu hépatique de rat, tissu hépatique de souris, tissu hépatique humain, tissu pulmonaire de rat, tissu pulmonaire de souris

IP : tissu pulmonaire de souris,

IHC : tissu testiculaire humain, tissu testiculaire de souris

IF : cellules HepG2,

Informations générales

CYB5B(Cytochrome b5 type B) is also named as CYB5M, OMB5 and belongs to the cytochrome b5 family. It is a 21 kDa membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases. This protein is expressed on the plasma membrane of lymphoma cells but not normal lymphocytes, reactive lymphocytes or bone marrow precursor cells(PMID:20100355). The full length protein has a propeptide with 11 amino acids.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---------------|-----------|------------------|-------------|
| Paige Dickson | 32857985 | Cell Chem Biol | WB |
| Zhao Ding | 35573741 | Front Mol Biosci | IHC |
| Hana Nůsková | 37495107 | J Biol Chem | 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.

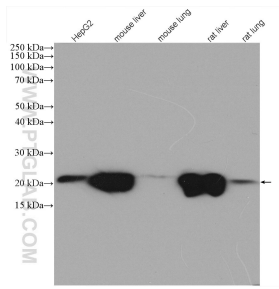
For technical support and original validation data for this product please contact:

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

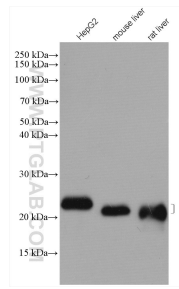
E: proteintech@ptglab.com
W: ptglab.com

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

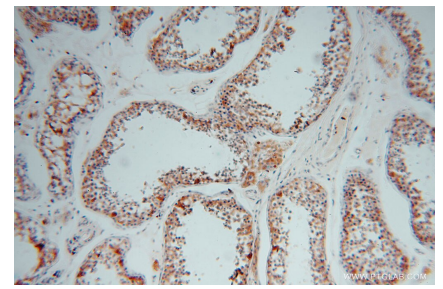
Données de validation sélectionnées



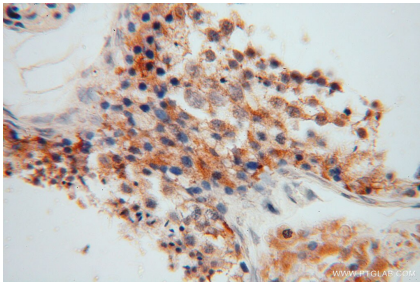
Various lysates were subjected to SDS PAGE followed by western blot with 15469-1-AP (CYB5B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



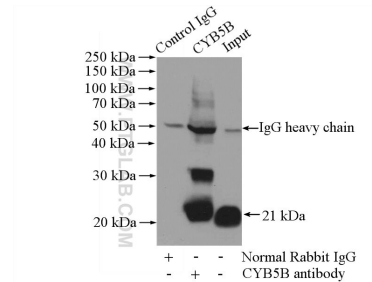
Various lysates were subjected to SDS PAGE followed by western blot with 15469-1-AP (CYB5B antibody) at dilution of 1:4000 incubated at 4 degree celsius over night.



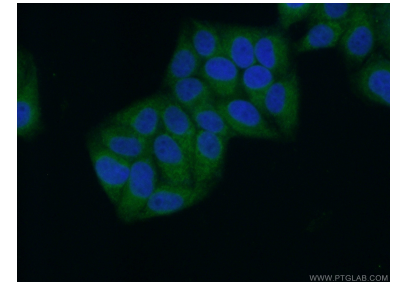
Immunohistochemical analysis of paraffin-embedded human testis using 15469-1-AP (CYB5B antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 15469-1-AP (CYB5B antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-CYB5B (IP:15469-1-AP, 3ug; Detection:15469-1-AP 1:500) with mouse lung tissue lysate 4000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 15469-1-AP (CYB5B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).