

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AMACR/p504S



Numéro de catalogue: 15918-1-AP

3 Publications

Informations de base

Numéro de catalogue:

15918-1-AP

Taille:

150ul, Concentration: 260 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8720

Numéro d'acquisition GenBank:

BC009471

Identification du gène (NCBI):

23600

Nom complet:

alpha-methylacyl-CoA racemase

MW calculé

382 aa, 42 kDa

MW observés:

42 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:300-1:1000

IHC 1:20-1:200

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IHC

Spécificité de l'espèce:

Humain

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 : multi-cellules, cellules LNCaP

IHC : tissu de cancer de la prostate humain, tissu de carcinome à cellules rénales humain

Informations générales

AMACR(Alpha-methylacyl-CoA racemase) belongs to the CaiB/BaiF CoA-transferase family. It is a mitochondrial and peroxisomal enzyme that catalyzes the conversion of 2R stereoisomers of phytanic and pristanic acid to their S counterparts. AMACR has previously been shown to be a highly sensitive marker for colorectal and clinically localized prostate cancer (PCa). However, AMACR expression is down-regulated at the transcript and protein level in hormone-refractory metastatic PCa, suggesting a hormone-dependent expression of AMACR(PMID:12213712). It has 3 isoforms produced by alternative splicing and it can form a dimer of 70-75 kDa(PMID:21812041). Defects in AMACR are the cause of alpha-methylacyl-CoA racemase deficiency (AMACRD) and congenital bile acid synthesis defect type 4 (CBAS4).

Publications notables

Autrice	Pubmed ID	Journal	Application
Daijun Yang	32724384	Oncol Lett	IHC
Xiqi Ding	35238066	Andrologia	IHC
Zhao-Ming Xiao	34249931	Front Cell Dev Biol	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.

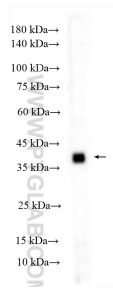
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

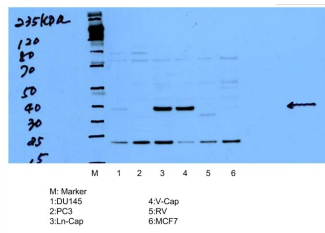
E: proteintech@ptglab.com
W: ptglab.com

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

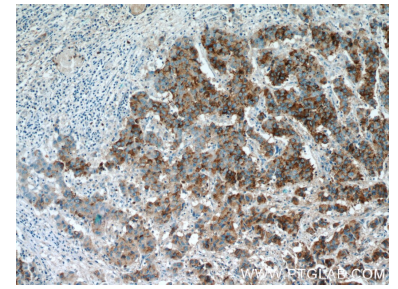
Données de validation sélectionnées



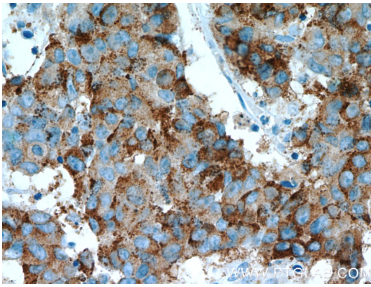
LNCaP cells were subjected to SDS PAGE followed by western blot with 15918-1-AP (AMACR/p504S antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



WB result of 15918-1-AP (anti-P504S,AMACR) from Dr. Soory.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 15918-1-AP (AMACR/p504S antibody) at dilution of 1:50 (under 10x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 15918-1-AP (AMACR/p504S antibody) at dilution of 1:50 (under 40x lens). Heat mediated antigen retrieved with Citric acid buffer, pH6.0.