

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HSD17B4



Numéro de catalogue: 15116-1-AP

Phare

13 Publications

Informations de base

Numéro de catalogue:

15116-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7165

Numéro d'acquisition GenBank:

BC003098

Identification du gène (NCBI):

3295

Nom complet:

hydroxysteroid (17-beta) dehydrogenase 4

MW calculé

80 kDa

MW observés:

80 kDa, 45 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:200-1:800

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, 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 hépatique de souris, cellules HepG2, tissu cardiaque de souris, tissu cérébral de souris, tissu hépatique de rat

IP : tissu cérébral de souris,

IHC : tissu de cancer de la prostate humain, tissu cardiaque de souris, tissu hépatique de souris

IF : cellules HeLa,

Informations générales

HSD17B4 (17-beta-hydroxysteroid dehydrogenase 4) is also named as Peroxisomal multifunctional enzyme type 2, D-bifunctional protein or multifunctional protein 2. It codes for a 80 kDa enzyme containing three distinct functional domains and is localized in peroxisomes. It is a bifunctional enzyme acting on the peroxisomal beta-oxidation pathway for fatty acids and catalyzing the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. After peroxisomal import, the full-length protein is proteolytically cleaved to yield a 35-kDa dehydrogenase subunit and a 45-kDa hydratase subunit containing the hydratase and SCP domains (PMID: 28868548, 24602372).

Publications notables

Autrice	Pubmed ID	Journal	Application
Pablo Ranea-Robles	34651140	Kidney360	WB
Celien Lismont	31129117	Biochim Biophys Acta Biomembr	WB
Petruta L Morvay	28370438	Cell Biochem Funct	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.

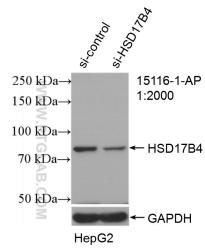
For technical support and original validation data for this product please contact:

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

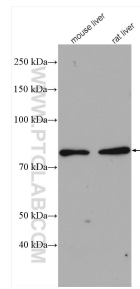
E: proteintech@ptglab.com
W: ptglab.com

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

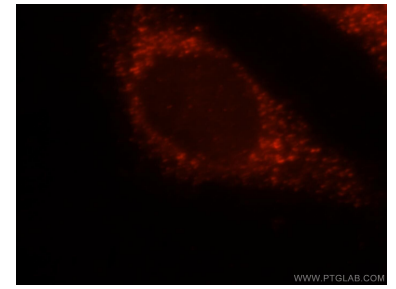
Données de validation sélectionnées



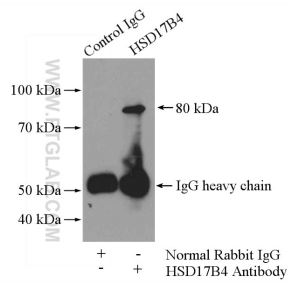
WB result of HSD17B4 antibody (15116-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HSD17B4 transfected HepG2 cells.



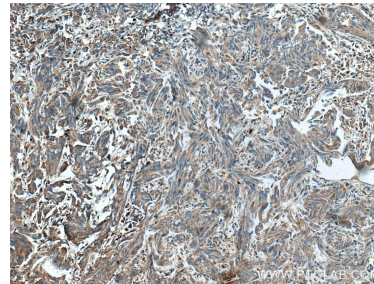
Various lysates were subjected to SDS PAGE followed by western blot with 15116-1-AP (HSD17B4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



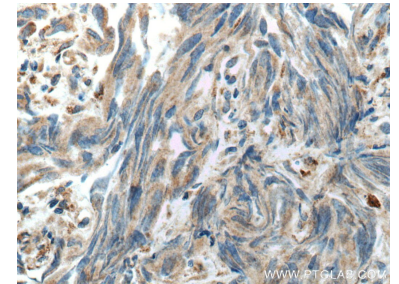
Immunofluorescent analysis of Hela cells, using HSD17B4 antibody 15116-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-HSD17B4 (IP:15116-1-AP, 4ug; Detection:15116-1-AP 1:500) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15116-1-AP (HSD17B4 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15116-1-AP (HSD17B4 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).