

Nur für Forschungszwecke

HSD17B4 Polyklonaler Antikörper

Katalog-Nr.: 15116-1-AP

Vorgestelltes Produkt

13 Publikationen



Allgemeine Informationen

Katalog-Nr.:

15116-1-AP

Größe:

150ul, Konzentration: 500 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG7165

GenBank-Zugangsnummer:

BC003098

GeneID (NCBI):

3295

Vollständiger Name:

hydroxysteroid (17-beta) dehydrogenase 4

Berechnete Masse:

80 kDa

Beobachtete Masse:

80 kDa, 45 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:10000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:200-1:800

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Mauslebergewebe, HepG2-Zellen, Mausherzgewebe, Maushirngewebe, Rattenlebergewebe

IP: Maushirngewebe,

IHC: humanes Prostatakarzinomgewebe, Mausherzgewebe, Mauslebergewebe

IF: HeLa-Zellen,

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

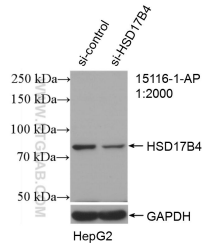
For technical support and original validation data for this product please contact:

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

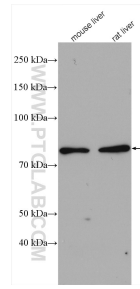
E: proteintech@ptglab.com
W: ptglab.com

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

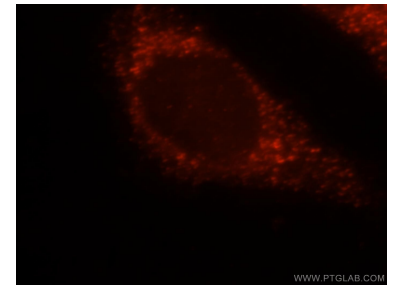
Ausgewählte Validierungsdaten



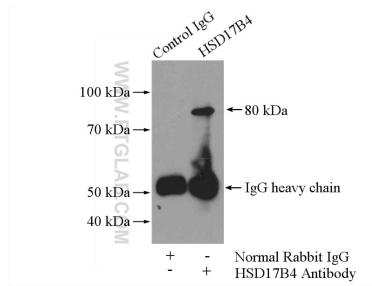
WB result of HSD17B4 antibody (15116-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HSD17B4 transfected HepG2 cells.



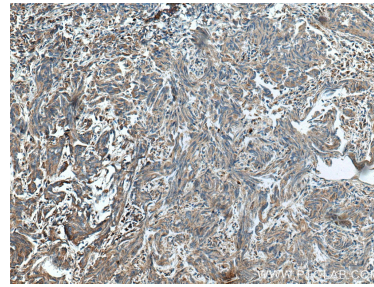
Various lysates were subjected to SDS PAGE followed by western blot with 15116-1-AP (HSD17B4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



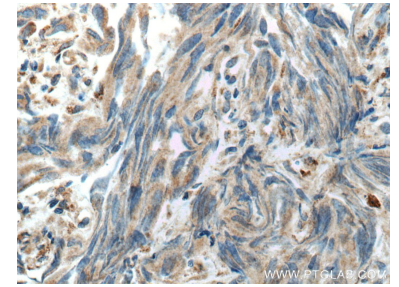
Immunofluorescent analysis of Hela cells, using HSD17B4 antibody 15116-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



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).