

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HSD3B2



Numéro de catalogue: 15516-1-AP

7 Publications

Informations de base

Numéro de catalogue:

15516-1-AP

Taille:

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

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7782

Numéro d'acquisition GenBank:

BC038419

Identification du gène (NCBI):

3284

Nom complet:

hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2

MW calculé

42 kDa

MW observés:

42 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:5000

IHC 1:50-1:500

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

canin, Humain, rat, souris

Contrôles positifs:

WB : tissu testiculaire de souris,

IHC : tissu testiculaire de rat,

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.

Informations générales

HSD3B2(3-beta-hydroxy-Delta(5)-steroid dehydrogenase) belongs to the 3-beta-HSD family and catalyzes the oxidation and isomerization of delta-5-3-beta-hydroxysteroid precursors into delta-4-ketosteroids, thus leading to the formation of all classes of steroid hormones. HSD3B2 is expressed almost exclusively in adrenals and gonads, whereas HSD3B1 is expressed predominantly in placenta and skin (PMID:1682237). HSD3B2 plays a crucial role in steroid hormone biosynthesis and is thus of particular interest in hormone dependent tumors such as prostate cancer. Compared with normal tissue cytoplasmic HSD3B2 staining was stronger in prostate cancers (PMID: 29803408). Defects in HSD3B2 are the cause of adrenal hyperplasia type 2 (AH2).

Publications notables

Autrice	Pubmed ID	Journal	Application
Bao Hui Lee	26465200	Endocrinology	WB, IHC
Liping Wen	28152522	Oncotarget	WB
Guillaume Richer	35002756	Front Physiol	IF

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.

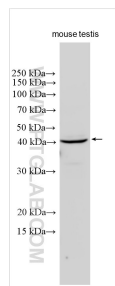
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

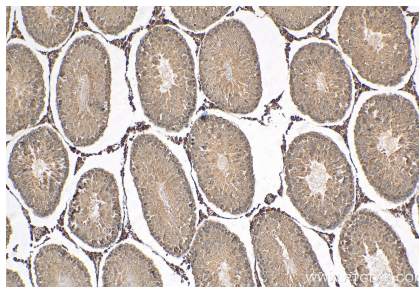
E: proteintech@ptglab.com
W: ptglab.com

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

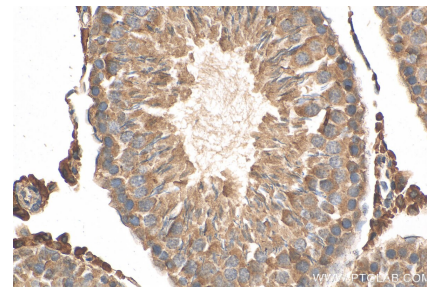
Données de validation sélectionnées



mouse testis tissue was subjected to SDS PAGE followed by western blot with 15516-1-AP (HSD3B2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 15516-1-AP (HSD3B2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 15516-1-AP (HSD3B2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).