

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HSD11B2



Numéro de catalogue: 14192-1-AP

15 Publications

Informations de base

Numéro de catalogue:

14192-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5146

Numéro d'acquisition GenBank:

BC036780

Identification du gène (NCBI):

3291

Nom complet:

hydroxysteroid (11-beta) dehydrogenase 2

MW calculé

405 aa, 44 kDa

MW observés:

40-43 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IHC 1:20-1:200

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, rat, 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 placentaire humain, cellules HEK-293 transfectées, tissu rénal de souris, tissu rénal humain

IHC : tissu rénal humain,

Informations générales

The HSD11B2 gene encodes the type II isoform of 11-beta-hydroxysteroid dehydrogenase, a microsomal enzyme complex responsible for the interconversion of biologically active cortisol and inactive cortisone. This protein catalyzes the cortisol-to-cortisone reaction. This protein expresses approximately 44 kDa in placenta, trophoblast, and distal colon, but in kidney tissue, there are two bands of approximately 44 and 48 kDa can be consistently observed and no signal is seen in decidua, adrenal, or liver (PMID:9048640). HSD11B2 protein was detected in CEM-C7 cells via immunoblot analysis as a dimer and trimer of approximately 80 and 120 kDa (PMID:23762608).

Publications notables

Autrice	Pubmed ID	Journal	Application
Huiduo Guo	34695613	Ecotoxicol Environ Saf	WB
Yuki Nouchi	36368682	Exp Clin Endocrinol Diabetes	WB
Haodong Chen	34059707	Sci Rep	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.

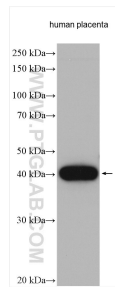
For technical support and original validation data for this product please contact:

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.

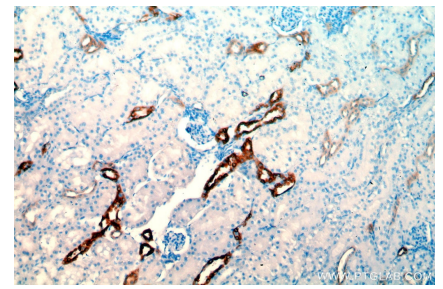
Données de validation sélectionnées



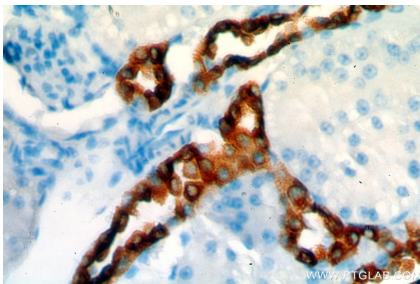
Human placenta tissue lysates were subjected to SDS PAGE followed by western blot with 14192-1-AP (HSD11B2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



human kidney tissue were subjected to SDS PAGE followed by western blot with 14192-1-AP (HSD11B2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 14192-1-AP (HSD11B2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 14192-1-AP (HSD11B2 antibody) at dilution of 1:50 (under 40x lens).