


Product datasheet

Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody
ab97975

画像数 6

製品の概要

製品名	Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody
製品の詳細	Rabbit polyclonal to Hydroxysteroid (17-beta) Dehydrogenase 4
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P, ICC/IF
種交差性	交差種: Rat, Human 交差が予測される動物種: Mouse, Cow, Pig 
免疫原	Recombinant fragment containing a sequence corresponding to a region within amino acids 355-615 of Human hydroxysteroid (17-beta) dehydrogenase 4 (NP_000405).
ポジティブ・コントロール	HepG2 whole cell lysate; DLD-1 xenograft; 293T, A431, H1299, HeLa, Molt-4 and Raji cell lysates.

法規制情報

医薬用外毒物

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab97975** in the following tested applications.

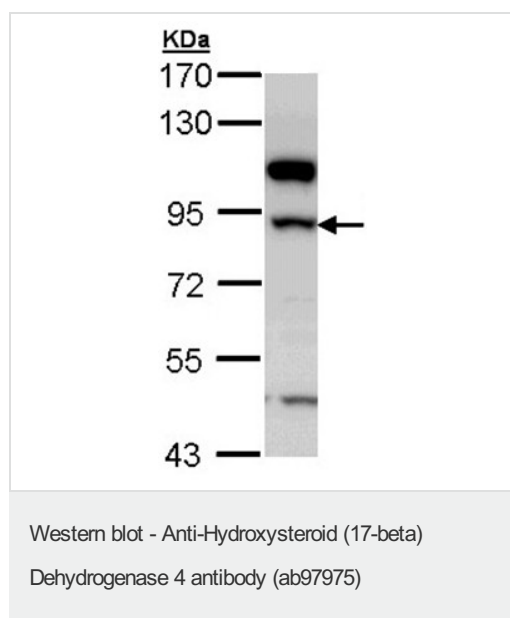
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 80 kDa.
IHC-P		1/100 - 1/1000.
ICC/IF		1/100 - 1/1000.

ターゲット情報

機能	Bifunctional enzyme acting on the peroxisomal beta-oxidation pathway for fatty acids. Catalyzes the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids.
組織特異性	Present in many tissues with highest concentrations in liver, heart, prostate and testis.
パスウェイ	Lipid metabolism; fatty acid beta-oxidation.
関連疾患	D-bifunctional protein deficiency Perrault syndrome 1
配列類似性	Belongs to the short-chain dehydrogenases/reductases (SDR) family. Contains 1 MaoC-like domain. Contains 1 SCP2 domain.
細胞内局在	Peroxisome.

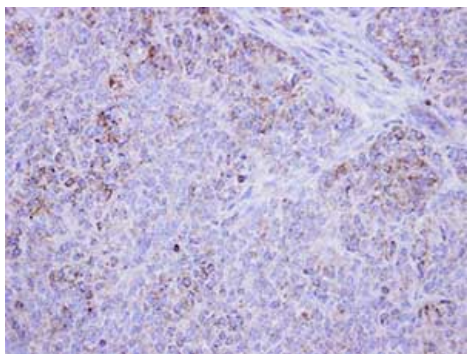
画像



Anti-Hydroxysteroid (17-beta) Dehydrogenase
4 antibody (ab97975) at 1/1000 dilution +
HepG2 whole cell lysate at 30 µg

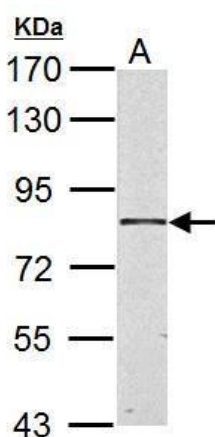
Predicted band size: 80 kDa

7.5% SDS PAGE



Immunohistochemical analysis of hydroxysteroid (17-beta) dehydrogenase 4 in paraffin-embedded DLD-1 xenograft, using ab97975 at 1/500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody (ab97975)



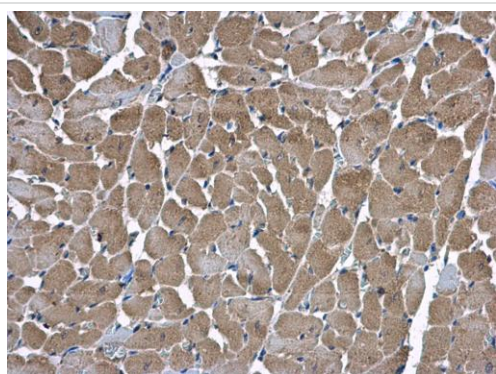
Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody (ab97975) at 1/3000 dilution + Rat heart lysate at 20 µg

Secondary

HRP-conjugated anti-rabbit IgG antibody

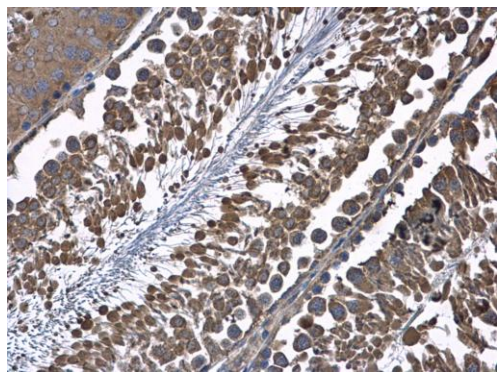
Predicted band size: 80 kDa

Western blot - Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody (ab97975)



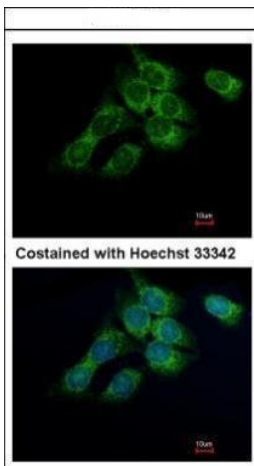
ab97975 staining hydroxysteroid (17-beta) dehydrogenase 4 in rat heart tissue sections by Immunohistochemistry (IHC-P-paraformaldehyde-fixed, paraffin embedded sections) at a 1:500 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody (ab97975)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody (ab97975)

ab97975 staining hydroxysteroid (17-beta) dehydrogenase 4 in rat testis tissue sections by Immunohistochemistry (IHC-P- paraformaldehyde-fixed, paraffin embedded sections) at a 1:500 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Hydroxysteroid (17-beta) Dehydrogenase 4 antibody (ab97975)

ab97975 staining hydroxysteroid (17-beta) dehydrogenase 4 in methanol- fixed Hep3B cells by ICC/IF (Immunocytochemistry/Immunofluorescence) at a 1:500 dilution.

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