

Anti-HSD17B4 Antibody

Rabbit polyclonal antibody to HSD17B4

Catalog # AP60180

Product Information

Application	WB
Primary Accession	P51659
Other Accession	P51660
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79686

Additional Information

Gene ID	3295
Other Names	EDH17B4; Peroxisomal multifunctional enzyme type 2; MFE-2; 17-beta-hydroxysteroid dehydrogenase 4; 17-beta-HSD 4; D-bifunctional protein; DBP; Multifunctional protein 2; MPF-2
Target/Specificity	Recognizes endogenous levels of HSD17B4 protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

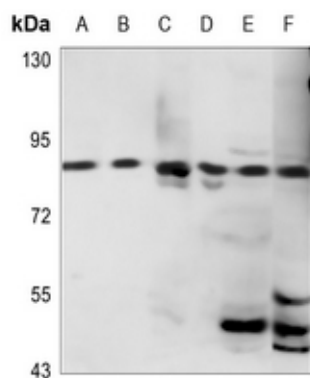
Protein Information

Name	HSD17B4 (HGNC:5213)
Synonyms	EDH17B4, SDR8C1
Function	Bifunctional enzyme acting on the peroxisomal fatty acid beta-oxidation pathway. Catalyzes two of the four reactions in fatty acid degradation: hydration of 2-enoyl-CoA (trans-2-enoyl-CoA) to produce (3R)-3-hydroxyacyl-CoA, and dehydrogenation of (3R)-3- hydroxyacyl-CoA to produce 3-ketoacyl-CoA (3-oxoacyl-CoA), which is further metabolized by SCPx. Can use straight-chain and branched-chain fatty acids, as well as bile acid intermediates as substrates.
Cellular Location	Peroxisome. Present in many tissues with highest concentrations in liver, heart, prostate

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HSD17B4. The exact sequence is proprietary.

Images



Western blot analysis of HSD17B4 expression in HEK293T (A), H1688 (B), H1792 (C), mouse liver (D), rat liver (E) whole cell lysates.

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