

Datasheet for ABIN950184
anti-HSD17B4 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HSD17B4
Binding Specificity:	AA 340-370, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 340-370 amino acids from the Central region of human 17-beta-HSD4 / HSD17B4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human 17-beta-HSD4 / HSD17B4 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HSD17B4
Alternative Name:	17-beta-HSD4 / HSD17B4 (HSD17B4 Products)

Target Details

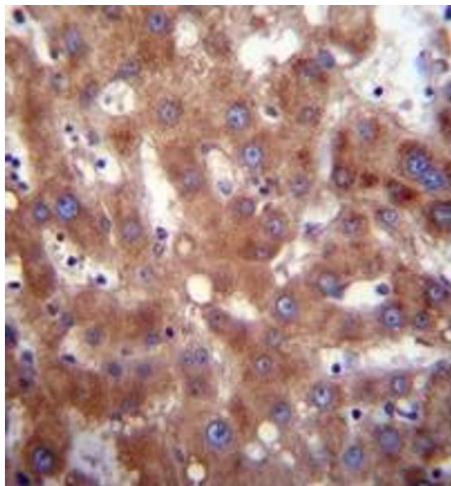
Background:	The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this gene that affect the peroxisomal fatty acid beta-oxidation activity are a cause of D-bifunctional protein deficiency (DBPD). An apparent pseudogene of this gene is present on chromosome 8. [provided by RefSeq].Synonyms: 17-beta-hydroxysteroid dehydrogenase 4, D-bifunctional protein, DBP, EDH17B4, MFE-2, MFE2, Peroxisomal multifunctional enzyme type 2, SDR8C1
Molecular Weight:	79686 Da
Gene ID:	3295
NCBI Accession:	NP_000405
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

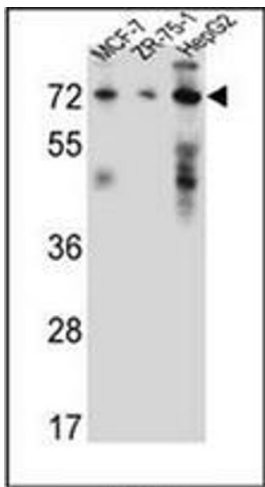
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue reacted with 17-beta-HSD4 / HSD17B4 Antibody (Center) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of 17-beta-HSD4 / HSD17B4 Antibody (Center) in MCF-7, ZR-75-1, HepG2 cell line lysates (35ug/lane). This demonstrates the HSD17B4 antibody detected the HSD17B4 protein (arrow).