

Datasheet for ABIN656447
anti-HSD17B4 antibody (AA 341-370)

2 Images

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Overview

Quantity:	400 µL
Target:	HSD17B4
Binding Specificity:	AA 341-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HSD17B4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 341-370 amino acids from the Central region of human HSD17B4.
Clone:	RB31274
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HSD17B4
Alternative Name:	HSD17B4 (HSD17B4 Products)
Background:	The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal

Target Details

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].

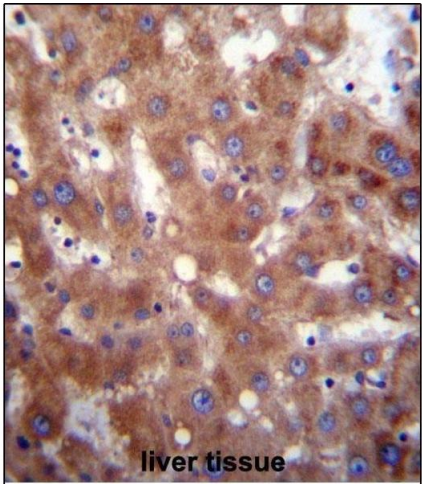
Molecular Weight:	79686
Gene ID:	3295
NCBI Accession:	NP_000405 , NP_001186220 , NP_001186221
UniProt:	P51659
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

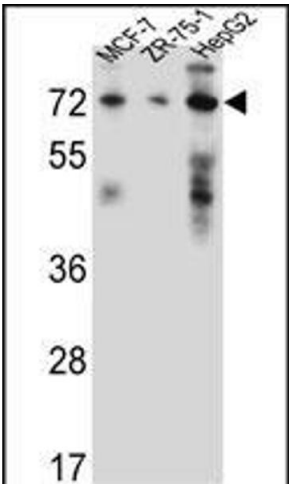
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	HSD17B4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HSD17B4 Antibody (Center) (ABIN656447 and ABIN2845732) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HSD17B4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. HSD17B4 Antibody (Center) (ABIN656447 and ABIN2845732) western blot analysis in MCF-7, ZR-75-1, HepG2 cell line lysates (35 µg/lane). This demonstrates the HSD17B4 antibody detected the HSD17B4 protein (arrow).