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HSD17B4

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:79kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human HSD17B4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DBP; MFE-2; MPF-2; PRLTS1; SDR8C1;

Catalog #:A6187

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:3295

Isotype: IgG

Swiss Prot:P51659

Purity: Affinity purification

For research use only.

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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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