

Rabbit anti-Human HSD17B4 Polyclonal Antibody | anti-HSD17B4 antibody

HSD17B4 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289904	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

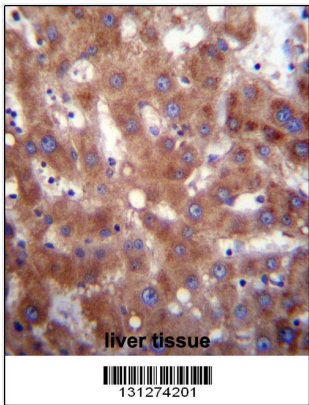
PRODUCT SYNONYMS

HSD17B4; Polyclonal Antibody; HSD17B4 Antibody (Center); 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; (3R)-hydroxyacyl-CoA dehydrogenase; 111n12; Enoyl-CoA hydratase 2; 3-alpha; 7-alpha; 12-alpha-trihydroxy-5-beta-cholest-24-enoyl-CoA hydratase; EDH17B4; anti-HSD17B4 antibody

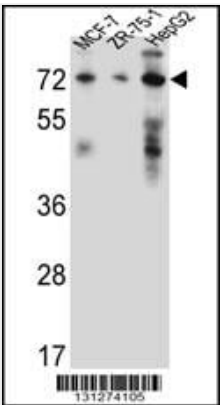
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	341-370
Sequence Length	718
Applicable Applications for anti-HSD17B4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HSD17B4 Antibody (Center) 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.



WB (Western Blot)
HSD17B4 Antibody (Center) western blot analysis in MCF-7,ZR-75-1,HepG2 cell line lysates (35ug/lane).This demonstrates the HSD17B4 antibody detected the HSD17B4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B4 antibody	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].
Product Categories/Family for anti-HSD17B4 antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Canzian, F., et al. Hum. Mol. Genet. 19(19):3873-3884(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kashiwayama, Y., et al. J. Biol. Chem. 285(34):26315-26325(2010) Pierce, S.B., et al. Am. J. Hum. Genet. 87(2):282-288(2010) Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504505
NCBI GeneID	3295
NCBI Accession #	NP_000405.1; NP_001186220.1; NP_001186221.1
NCBI GenBank Nucleotide #	NM_000414.3
UniProt Accession #	P51659; B4DNV1; B4DVS5; E9PB82; F5HE57
Molecular Weight	79686
NCBI Official Full Name	peroxisomal multifunctional enzyme type 2 isoform 2
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 4
NCBI Official Symbol	HSD17B4
NCBI Official Synonym Symbols	DBP; MFE-2; MPF-2; PRLTS1; SDR8C1
NCBI Protein Information	peroxisomal multifunctional enzyme type 2

UniProt Protein Name	Peroxisomal multifunctional enzyme type 2
UniProt Gene Name	HSD17B4
UniProt Synonym Gene Names	EDH17B4; SDR8C1; MFE-2; 17-beta-HSD 4; DBP; MPF-2
UniProt Entry Name	DHB4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hsd17b4-antibody-immunohistochemistry-western-blot-elisa/289904>