

Product datasheet for **TA377235**

Hydroxysteroid (17 beta) Dehydrogenase 4 (HSD17B4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 437-736 of human HSD17B4 (NP_000405.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	77kDa/79kDa/83kDa
Gene Name:	hydroxysteroid (17-beta) dehydrogenase 4
Database Link:	Entrez Gene 3295 Human P51659

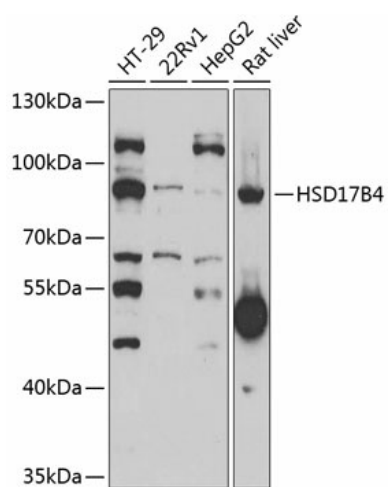
Background: The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this 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.



[View online »](#)

Synonyms: 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholest; beta-keto-reductase; DBP; EDH17B4; MFE-2; SDR8C1

Product images:



Western blot analysis of extracts of various cell lines, using HSD17B4 antibody (TA377235) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST.