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Product datasheet for TA308904

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

Product data:

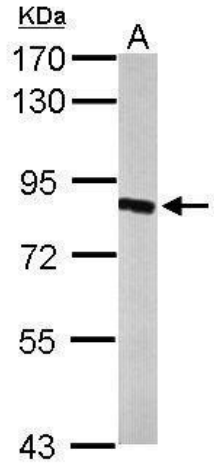
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 18 and 261 of HSD17B4 (Uniprot ID#P51659)
Formulation:	0.1M Tris, 0.1M Glycine, 20% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80 kDa
Gene Name:	hydroxysteroid (17-beta) dehydrogenase 4
Database Link:	NP_000405 Entrez Gene 15488 MouseEntrez 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. [provided by RefSeq]
Synonyms:	DBP; MFE-2; MPF-2; PRLTS1; SDR8C1

View online »

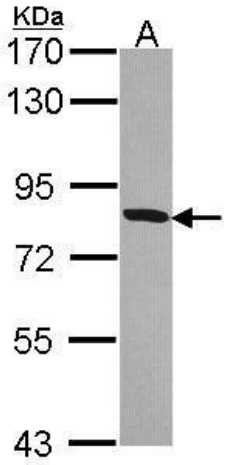
Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Primary bile acid biosynthesis

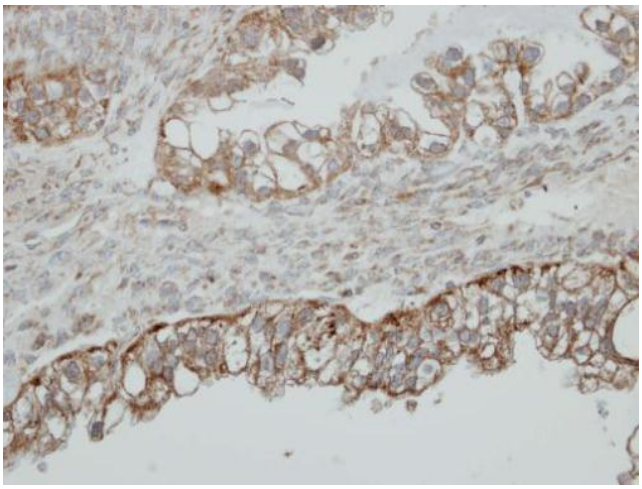
Product images:



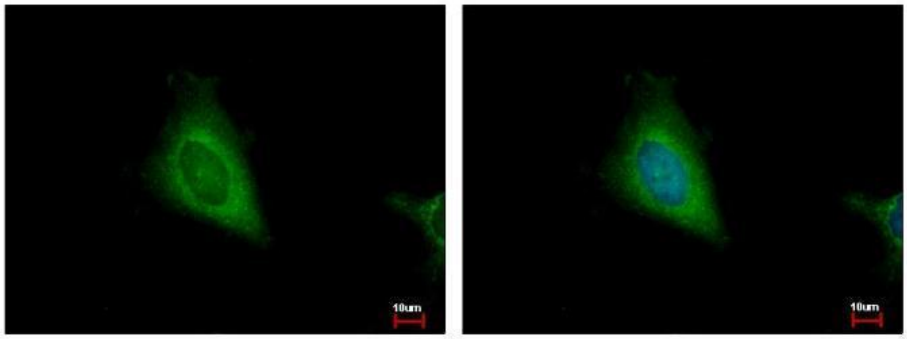
Sample (50 ug of whole cell lysate). A: Mouse brain. 7.5% SDS PAGE. TA308904 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: Hela. 7.5% SDS PAGE. TA308904 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded OVCA, using HSD17B4 (TA308904) antibody at 1:500 dilution.



HSD17B4 antibody detects HSD17B4 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30min. Green: HSD17B4 protein stained by HSD17B4 antibody (TA308904) diluted at 1:500. Bl