

Product datasheet for **TA364841S**

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

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Huvec and K562 cells IHC: 50-200 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HSD17B4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	80 kDa
Gene Name:	hydroxysteroid (17-beta) dehydrogenase 4
Database Link:	Entrez Gene 3295 Human P51659

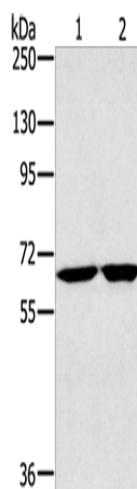
Background: The protein encoded by this gene is a bifunctional enzyme that is involved in the peroxisomal beta-oxidation pathway for fatty acids. It also acts as a catalyst for the formation of 3-ketoacyl-CoA intermediates from both straight-chain and 2-methyl-branched-chain fatty acids. Defects in this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



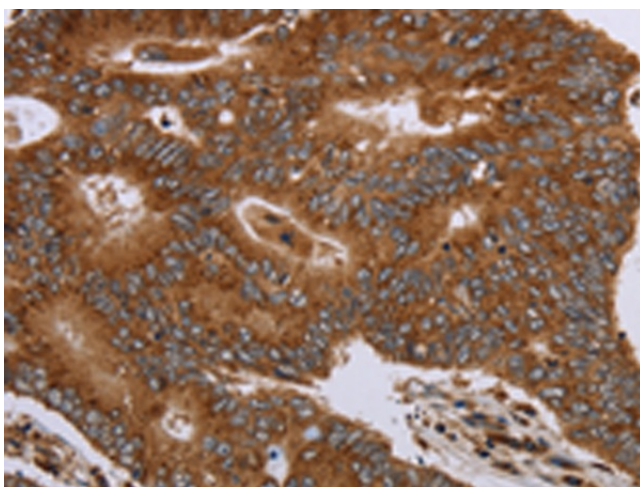
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Synonyms: 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholest; beta-keto-reductase; DBP; EDH17B4; MFE-2; SDR8C1

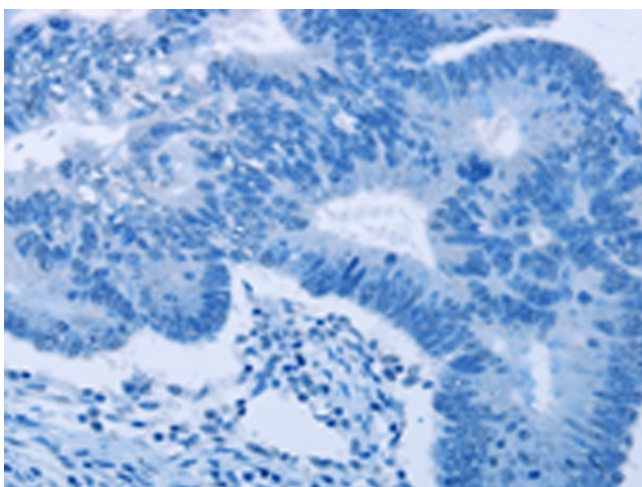
Product images:



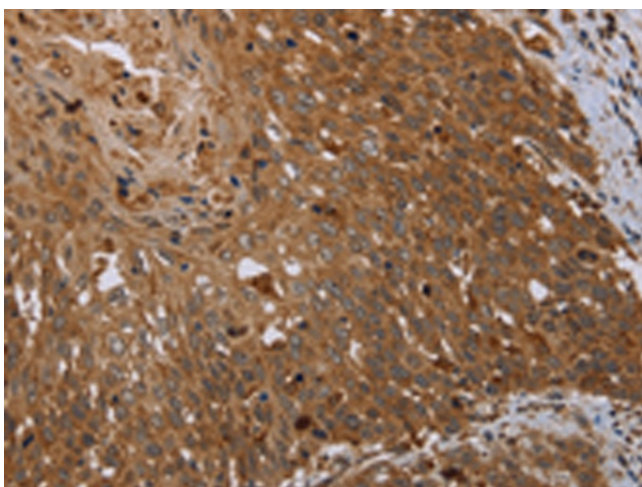
Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Huvec cells
K562 cells
Primary antibody: [TA364841] (HSD17B4 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 10 seconds



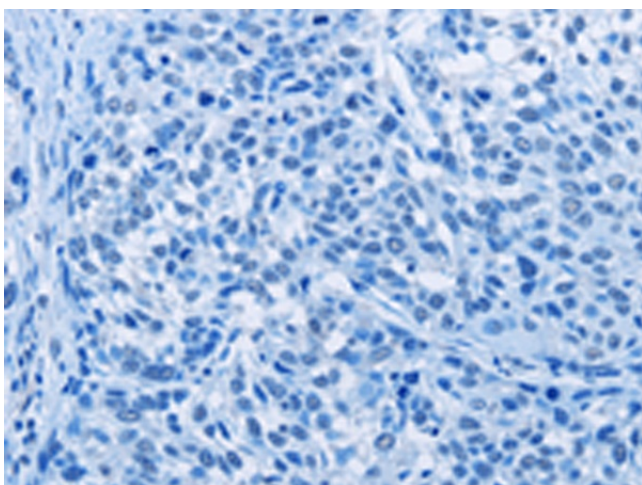
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA364841] (HSD17B4 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA364841] (HSD17B4 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA364841] (HSD17B4 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA364841] (HSD17B4 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)