

Rabbit anti-Human HSD17B1 Polyclonal Antibody | anti-HSD17B1 antibody

HSD17B1 Antibody

CATALOG # AAA306966	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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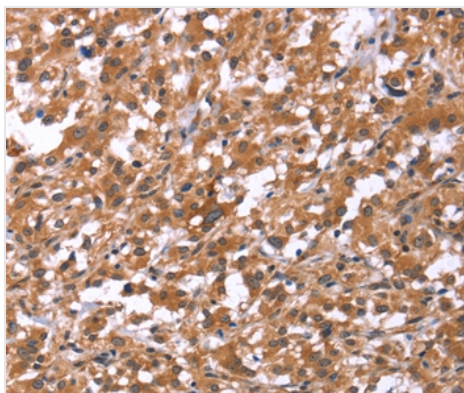
PRODUCT SYNONYMS

HSD17B1; Polyclonal Antibody; HSD17B1 Antibody; HSD17; EDHB17; EDH17B2; SDR28C1; anti-HSD17B1 antibody

PRODUCT SPECIFICATIONS

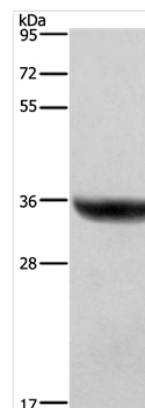
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HSD17B1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.8 mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-HSD17B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human hydroxysteroid (17-beta) dehydrogenase 1
Target Name	HSD17B1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human placenta tissue Amount of lysate: 40ug per lane Primary antibody: 1/700 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B1 antibody	Hydroxysteroid (17-beta) dehydrogenase 1 catalyzes the final step in the formation of estradiol and testosterone from estrone and androstenedione, respectively. Ovarian granulosa cells and breast tissue both express HSD17B1. Other tissues that express HSD17B1 include testis, placenta, uterus, prostate and adipose tissue. HSD17B1 functions as a homodimer and prefers NADP(H) over NAD(H) for oxidation and reduction. The gene encoding human HSD17B1 maps to chromosome 17q12-q21. The importance of HSD17B1 to estradiol production suggests the specific inhibition of HSD17B1 may aid in breast cancer therapy.
Product Categories/Family for anti-HSD17B1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718074
NCBI GeneID	3292
NCBI Accession #	NP_000404.2
NCBI GenBank Nucleotide #	NM_000413.2
UniProt Accession #	P14061; Q2M2L8; B3KXS1
Molecular Weight	34,950 Da
NCBI Official Full Name	estradiol 17-beta-dehydrogenase 1
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 1
NCBI Official Symbol	HSD17B1
NCBI Official Synonym Symbols	HSD17; EDHB17; EDH17B2; SDR28C1
NCBI Protein Information	estradiol 17-beta-dehydrogenase 1
UniProt Protein Name	Estradiol 17-beta-dehydrogenase 1
UniProt Gene Name	HSD17B1
UniProt Synonym Gene Names	E17KSR; EDH17B1; EDH17B2; EDHB17; SDR28C1; 17-beta-HSD 1; 20-alpha-HSD
UniProt Entry Name	DHB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsd17b1-antibody-immunohistochemistry-western-blot-elisa/306966>