

Rabbit HSD17B1 Polyclonal Antibody | anti-HSD17B1 antibody

Anti-HSD17B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264429	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

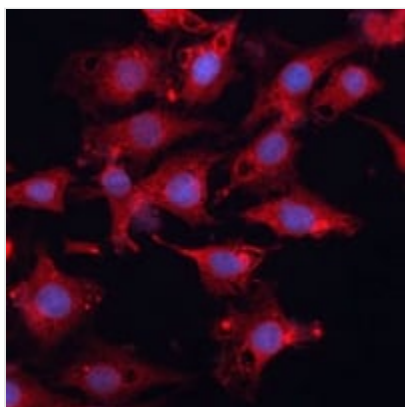
PRODUCT SYNONYMS

HSD17B1; Polyclonal Antibody; Anti-HSD17B1 Antibody; E17KSR; EDH17B1; EDH17B2; EDHB17; Estradiol 17-beta-dehydrogenase 1; 17-beta-hydroxysteroid dehydrogenase type 1; 17-beta-HSD 1; 20 alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; E2DH; Placental 17-beta-hydroxysteroid dehydrogenase; anti-HSD17B1 antibody

PRODUCT SPECIFICATIONS

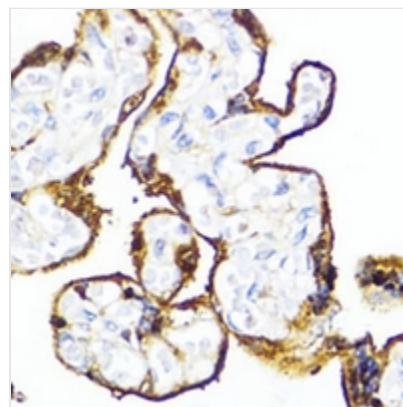
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of HSD17B1 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-HSD17B1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human HSD17B1. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



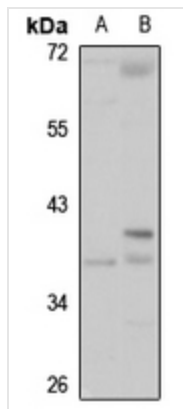
IF (Immunofluorescence)

Immunofluorescent analysis of HSD17B1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of HSD17B1 staining in human placenta formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of HSD17B1 expression in U87MG (A), rat ovary (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B1 antibody

Rabbit polyclonal antibody to HSD17B1

NCBI AND UNIPROT INFORMATION

NCBI GI #	223718074
NCBI GeneID	3292
NCBI Accession #	NP_000404.2
NCBI GenBank Nucleotide #	NM_000413.2
UniProt Accession #	P14061; P51656; P51657
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; 17-beta-HSD 1; 17-beta-hydroxysteroid dehydrogenase type 1; 20 alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; E2DH; estradiol 17-beta-dehydrogenase-1; hydroxysteroid (17-beta) dehydrogenase 1 isoform; placental 17-bet
UniProt Protein Name	Estradiol 17-beta-dehydrogenase 1
UniProt Gene Name	HSD17B1
UniProt Synonym Gene Names	E17KSR; EDH17B1; EDH17B2; EDHB17; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsd17b1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/264429>