

Rabbit anti-Human, Rat HSD17B2 Polyclonal Antibody | anti-HSD17B2 antibody

HSD17B2 Antibody

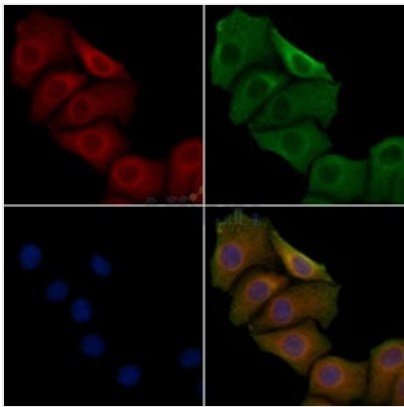
CATALOG # AAA326498	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HSD17B2; Polyclonal Antibody; HSD17B2 Antibody; 17 beta HSD 2; 17-beta-HSD 2; 17-beta-hydroxysteroid dehydrogenase type 2; 20 alpha HSD; 20 alpha hydroxysteroid dehydrogenase; 20 alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; DHB2_HUMAN; E2DH; EDH17B2; Estradiol 17-beta-dehydrogenase 2; HSD17; Hsd17b2; Hydroxysteroid (17 beta) dehydrogenase 2; Microsomal 17 beta hydroxysteroid dehydrogenase; Microsomal 17-beta-hydroxysteroid dehydrogenase; SDR9C2; Short chain dehydrogenase/reductase family 9C; member 2; Testosterone 17 beta dehydrogenase; Testosterone 17-beta-dehydrogenase; anti-HSD17B2 antibody

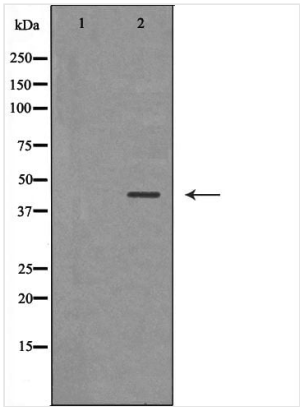
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HSD17B2 antibody detects endogenous levels of total HSD17B2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	387
Applicable Applications for anti-HSD17B2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HSD17B2, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



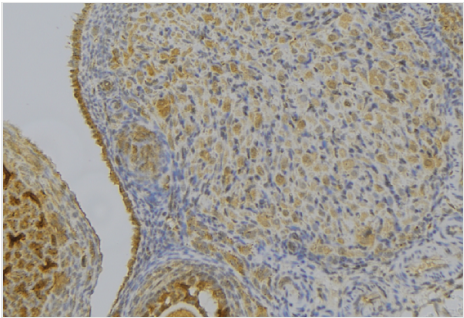
IF (Immunofluorescence)

AAA326498 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA326498) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of SW480 cell lysate, using HSD17B2 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326498 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B2 antibody	Function: Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH. Similarity: Belongs to the short-chain dehydrogenases/reductases (SDR) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504503
NCBI GeneID	3294
NCBI Accession #	NP_002144.1
NCBI GenBank Nucleotide #	NM_002153.2
UniProt Accession #	P37059; B2R7T4
Molecular Weight	42kDa
NCBI Official Full Name	estradiol 17-beta-dehydrogenase 2
NCBI Official Synonym Full Names	hydroxysteroid 17-beta dehydrogenase 2
NCBI Official Symbol	HSD17B2

NCBI Official Synonym Symbols	HSD17; SDR9C2; EDH17B2
NCBI Protein Information	estradiol 17-beta-dehydrogenase 2
UniProt Protein Name	Estradiol 17-beta-dehydrogenase 2
UniProt Gene Name	HSD17B2
UniProt Synonym Gene Names	EDH17B2; SDR9C2; 17-beta-HSD 2; 20-alpha-HSD

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/hsd17b2-antibody-immunohistochemistry-western-blot-elisa/326498>