

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

HSD17B2 Antibody (Center)

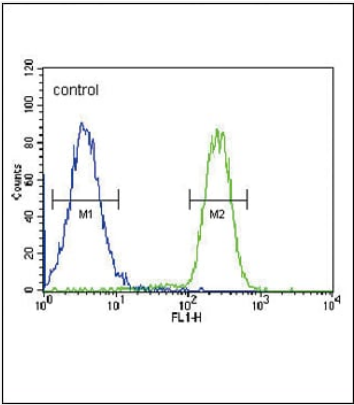
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288233	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

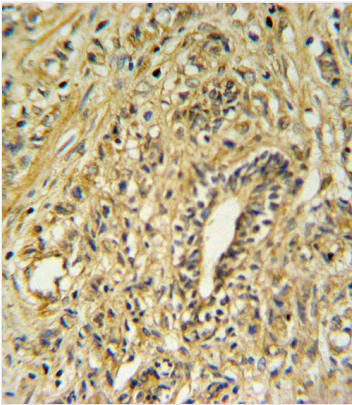
HSD17B2; Polyclonal Antibody; HSD17B2 Antibody (Center); Estradiol 17-beta-dehydrogenase 2; 17-beta-hydroxysteroid dehydrogenase type 2; 17-beta-HSD 2; 20 alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; E2DH; Microsomal 17-beta-hydroxysteroid dehydrogenase; Testosterone 17-beta-dehydrogenase; EDH17B2; anti-HSD17B2 antibody

PRODUCT SPECIFICATIONS

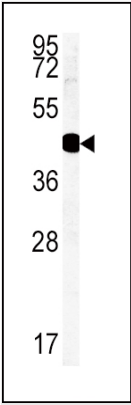
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HSD17B2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 265-294 amino acids from the Central region of human HSD17B2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	265-294
Sequence Length	387
Applicable Applications for anti-HSD17B2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HSD17B2 Antibody (Center) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
HSD17B2 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HSD17B2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HSD17B2 Antibody (Center) in MDA-MB435 cell line lysates (35ug/lane).HSD17B2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B2 antibody	HSD17B2 is capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone.HSD17B2 also has 20-alpha-HSD activity. HSD17B2 uses NADH while EDH17B3 uses NADPH.
Product Categories/Family for anti-HSD17B2 antibody	Cancer; Signal Transduction
References	Shen, Z., et al. Endocrinology 150(11):4941-4949(2009) Bhavani, V., et al. Cancer Biomark 5(4):207-213(2009) Olsen, J.V., et al. Cell 127(3):635-648(2006)

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	42785

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
UniProt Entry Name	DHB2_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/hsd17b2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288233>