

Rabbit anti-Human HSD17B3 Polyclonal Antibody | anti-HSD17B3 antibody

HSD17B3 Antibody (Center)

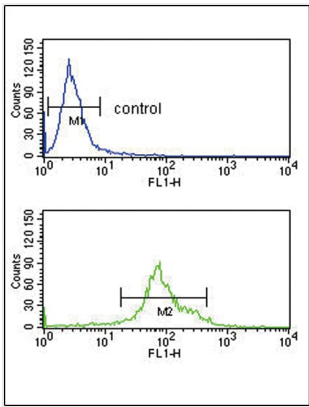
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289157	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

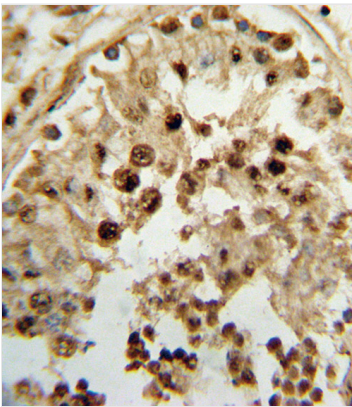
HSD17B3; Polyclonal Antibody; HSD17B3 Antibody (Center); Testosterone 17-beta-dehydrogenase 3; 17-beta-hydroxysteroid dehydrogenase type 3; 17-beta-HSD 3; Testicular 17-beta-hydroxysteroid dehydrogenase; EDH17B3; anti-HSD17B3 antibody

PRODUCT SPECIFICATIONS

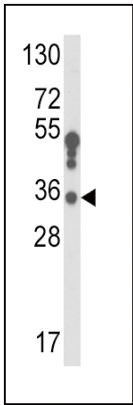
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HSD17B3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-118 amino acids from the Central region of human HSD17B3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	89-118
Sequence Length	310
Applicable Applications for anti-HSD17B3 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)
HSD17B3 Antibody (Center) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with HSD17B3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HSD17B3 Antibody (Center) in K562 cell line lysates (35ug/lane). HSD17B3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B3 antibody	This isoform of 17 beta-hydroxysteroid dehydrogenase is expressed predominantly in the testis and catalyzes the conversion of androstenedione to testosterone. It preferentially uses NADP as cofactor. Deficiency can result in male pseudohermaphroditism with gynecomastia.
Product Categories/Family for anti-HSD17B3 antibody	Cancer; Cell Biology; Metabolism; Signal transduction
References	Li, J., et al. Breast Cancer Res. 12 (2), R19 (2010) : Sata, F., et al. J Sex Med (2010) In press : Ahn, J., et al. Hum. Mol. Genet. 18(19):3749-3757(2009) Chakrabarti, B., et al. Autism Res 2(3):157-177(2009) Beuten, J., et al. Cancer Epidemiol. Biomarkers Prev. 18(6):1869-1880(2009) Andersson, S., et al. J. Clin. Endocrinol. Metab. 81(1):130-136(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557649
NCBI GeneID	3293
NCBI Accession #	NP_000188.1
NCBI GenBank Nucleotide #	NM_000197.1

UniProt Accession #	P37058; Q5U0Q6
Molecular Weight	34516
NCBI Official Full Name	testosterone 17-beta-dehydrogenase 3
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 3
NCBI Official Symbol	HSD17B3
NCBI Official Synonym Symbols	EDH17B3; SDR12C2
NCBI Protein Information	testosterone 17-beta-dehydrogenase 3
UniProt Protein Name	Testosterone 17-beta-dehydrogenase 3
UniProt Gene Name	HSD17B3
UniProt Synonym Gene Names	EDH17B3; SDR12C2; 17-beta-HSD 3
UniProt Entry Name	DHB3_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/hsd17b3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289157>