

Rabbit anti-Human HSD3B1 Monoclonal Antibody | anti-HSD3B1 antibody

HSD3B1 Rabbit mAb

CATALOG # AAA282715	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HSD3B1; Monoclonal Antibody; HSD3B1 Rabbit mAb; HSD3B; HSD3B3; HSD3B3A; SDR11E1; 3BETAHSD; anti-HSD3B1 antibody

PRODUCT SPECIFICATIONS

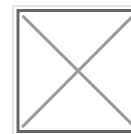
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RGQFYIISDD TPHQSYDNLN YTLSKEFGLR LDSRWSFPLS LMYWIGFLE IVSFLLRPIY TYRPPFNRIH VTLSNSVFTF SYKKAQRDLA YKPLYSWEEA K
Applicable Applications for anti-HSD3B1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human HSD3B1 (P14060).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



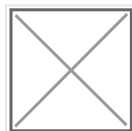
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human placenta using HSD3B1 Rabbit mAb (AAA282715) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat ovary using HSD3B1 Rabbit mAb (AAA282715) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using HSD3B1 Rabbit mAb (AAA282715) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-HSD3B1 antibody	The protein encoded by this gene is an enzyme that catalyzes the oxidative conversion of delta-5-3-beta-hydroxysteroid precursors into delta-4-ketosteroids, which leads to the production of all classes of steroid hormones. The encoded protein also catalyzes the interconversion of 3-beta-hydroxy- and 3-keto-5-alpha-androstane steroids.
Product Categories/Family for anti-HSD3B1 antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504507
NCBI GeneID	3283
NCBI Accession #	NP_000853
NCBI GenBank Nucleotide #	NM_000862
UniProt Accession #	P14060; Q14545; Q8IV65; A8K691
Molecular Weight	Calculated MW: 42kDa Observed MW: 42kDa
UniProt Protein Name	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1
UniProt Gene Name	HSD3B1
UniProt Synonym Gene Names	3BH; HSDB3A; 3-beta-HSD I
UniProt Entry Name	3BHS1_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/monoclonal/hsd3b1-antibody-immunohistochemistry-western-blot-elisa/282715>