

HSD3B1 Rabbit pAb

Catalog No.: A8035 **9 Publications**

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
3283	P14060

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-290 of human HSD3B1 (NP_000853.1).

Synonyms

HSD3B; HSDB3; HSDB3A; SDR11E1; 3BETAHSD; HSD3B1

Contact

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Product Information

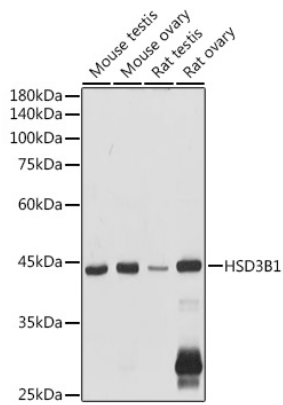
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

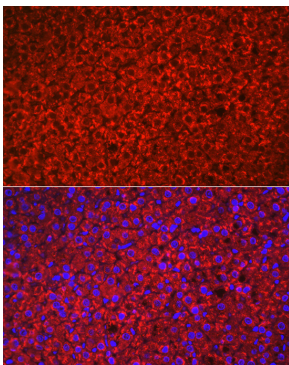
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

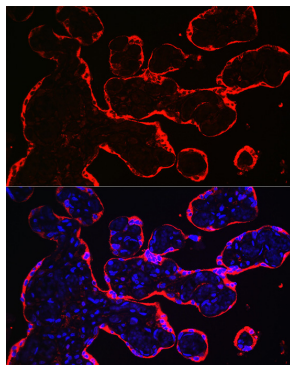
Validation Data



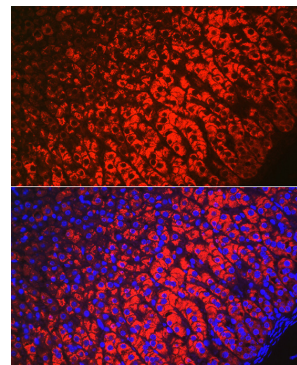
Western blot analysis of extracts of various cell lines, using HSD3B1 antibody (A8035) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunofluorescence analysis of rat adrenal gland using HSD3B1 Rabbit pAb (A8035) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of human placenta using HSD3B1 Rabbit pAb (A8035) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse adrenal gland using HSD3B1 Rabbit pAb (A8035) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.