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HSD3B1 Rabbit mAb

Catalog No.: A19266   `Recombinant`   `5 Publications`

Basic Information

Observed MW
42kDa

Calculated MW
42kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC2437

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
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID
3283

Swiss Prot
P14060

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 250-350 of human HSD3B1 (P14060).

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

Contact

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Product Information

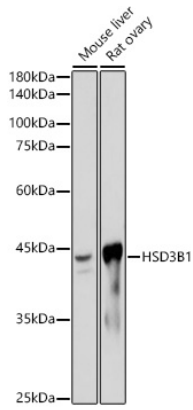| **Source**	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using HSD3B1 Rabbit mAb (A19266) 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: 90s.
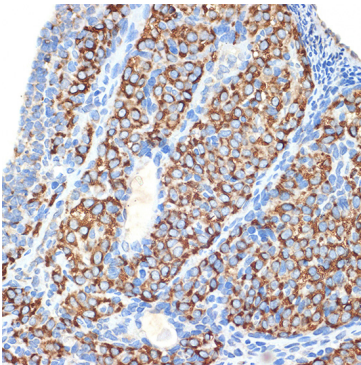
Immunohistochemistry analysis of paraffin-embedded rat ovary using HSD3B1 Rabbit mAb (A19266) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
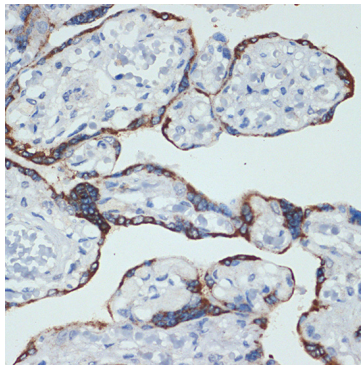
Immunohistochemistry analysis of paraffin-embedded human placenta using HSD3B1 Rabbit mAb (A19266) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.