

HSD3B2

Reactivity: Human Mouse

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 42kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human HSD3B2

Storage Buffer:

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

Synonym:

HSDB; HSD3B; SDR11E2;

Catalog #: A1823

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3284

Isotype: IgG

Swiss Prot: P26439

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a bifunctional enzyme that catalyzes the oxidative conversion of delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. It plays a crucial role in the biosynthesis of all classes of hormonal steroids. This gene is predominantly expressed in the adrenals and the gonads. Mutations in this gene are associated with 3-beta-hydroxysteroid dehydrogenase, type II, deficiency. Alternatively spliced transcript variants have been found for this gene.

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