10320 Camino Santa Fe, Suite G
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Anti-HSD17B2 Antibody
Rabbit polyclonal antibody to HSD17B2
Catalog # AP60874

Specification

Anti-HSD17B2 Antibody - Product Information

Application	**WB**
Primary Accession	P37059
Other Accession	P51658
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**42785**

Anti-HSD17B2 Antibody - Additional Information

Gene ID 3294

Other Names
EDH17B2; Estradiol 17-beta-dehydrogenase 2; 17-beta-hydroxysteroid dehydrogenase type 2; 17-beta-HSD 2; 20 alpha-hydroxysteroid dehydrogenase; 20-alpha-HSD; E2DH; Microsomal 17-beta-hydroxysteroid dehydrogenase; Testosterone 17-beta-dehydrogenase

Target/Specificity
Recognizes endogenous levels of HSD17B2 protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-HSD17B2 Antibody - Protein Information

Name HSD17B2 (HGNC:5211)

Synonyms EDH17B2, SDR9C2

Function
Catalyzes the NAD-dependent oxidation of the highly active 17beta-hydroxysteroids, such as estradiol (E2), testosterone (T), and dihydrotestosterone (DHT), to their less active forms and thus regulates the biological potency of these steroids. Oxidizes estradiol to estrone, testosterone to androstenedione, and dihydrotestosterone to 5alpha-androstan-3,17-dione. Also has 20-alpha-HSD activity.

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Cellular Location
Endoplasmic reticulum membrane; Single-pass type II membrane protein

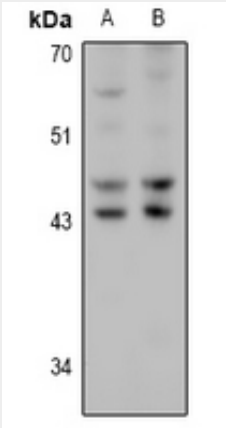
Tissue Location
Expressed in placenta.

Anti-HSD17B2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-HSD17B2 Antibody - Images



Western blot analysis of HSD17B2 expression in HCT116 (A), CT26 (B) whole cell lysates.

Anti-HSD17B2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HSD17B2. The exact sequence is proprietary.