

**Anti-HSD17B2 Antibody**  
Rabbit polyclonal antibody to HSD17B2  
Catalog # AP60874

## Specification

---

### Anti-HSD17B2 Antibody - Product Information

Application	WB
Primary Accession	<a href="#">P37059</a>
Other Accession	<a href="#">P51658</a>
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.

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass type II membrane protein

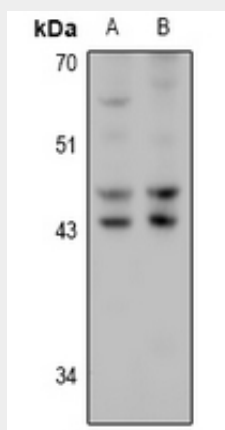
**Tissue Location**

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 Cytometry](#)
- [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.