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Datasheet for ABIN5004882

## anti-HSD17B2 antibody (AA 151-250) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	HSD17B2
Binding Specificity:	AA 151-250
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B2 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSD17B2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	HSD17B2
Alternative Name:	HSD17B2 ( <a href="#">HSD17B2 Products</a> )

## Target Details

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**Background:** Synonyms: HSD17, SDR9C2, 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, Short chain dehydrogenase/reductase family 9C member 2, Testosterone 17-beta-dehydrogenase, HSD17B2

Background: Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH.

**Gene ID:** 3294

**UniProt:** [P37059](#)

**Pathways:** [Steroid Hormone Biosynthesis](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months