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Datasheet for ABIN6980054

## anti-HSD17B11 antibody (AA 201-300) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	HSD17B11
Binding Specificity:	AA 201-300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B11 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Hsd17b11
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	HSD17B11
Alternative Name:	HSD17B11 ( <a href="#">HSD17B11 Products</a> )

## Target Details

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**Background:** Synonyms: 17 beta HSD 11, 17 beta HSD XI, 17 BETA HSD11, 17 BETA HSDXI, 17 beta hydroxysteroid dehydrogenase 11, 17 beta hydroxysteroid dehydrogenase type XI, 17 beta hydroxysteroid dehydrogenase XI, 17-beta-HSD 11, 17-beta-HSD XI, 17-beta-hydroxysteroid dehydrogenase 11, 17-beta-hydroxysteroid dehydrogenase XI, 17betaHSD11, 17betaHSDXI, 17bHSD11, CTCL associated antigen HD CL 03, CTCL tumor antigen HD CL 03, CTCL-associated antigen HD-CL-03, Cutaneous T cell lymphoma associated antigen HD CL 03, Cutaneous T-cell lymphoma-associated antigen HD-CL-03, Dehydrogenase/reductase SDR family member 8, DHB11\_HUMAN, DHRS8, Estradiol 17 beta dehydrogenase 11, Estradiol 17-beta-dehydrogenase 11, Hsd17b11, Hydroxysteroid (17 beta) dehydrogenase 11, PAN1B, Retinal short chain dehydrogenase/reductase 2, Retinal short-chain dehydrogenase/reductase 2, RETSDR2, SDR16C2, SDR2, Short chain dehydrogenase/reductase family 16C member 2, T cell lymphoma associated antigen HD CL 03, 17\_-HSD11.

**Background:** Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione. Tumor-associated antigen in cutaneous T-cell lymphoma.

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**Gene ID:** 51170

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**UniProt:** [Q8NBQ5](#)

## 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

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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## Handling

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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