Datasheet for ABIN1391096

anti-HSD17B8 antibody (AA 174-220) (FITC)

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Overview

Quantity:	100 µL
Target:	HSD17B8
Binding Specificity:	AA 174-220
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSD17B8 antibody is conjugated to FITC
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 HSD17B8
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HSD17B8
Alternative Name:	HSD17B8 (HSD17B8 Products)

Target Details

Background:	Synonyms: 17 beta HSD 8, 17 beta hydroxysteroid dehydrogenase 8, 17-beta-HSD 8, 17-beta-hydroxysteroid dehydrogenase 8, 3-oxoacyl-[acyl-carrier-protein] reductase, Beta ketoacyl [acyl carrier protein] reductase like, D6S2245E, DHB8_HUMAN, dJ1033B10.9, Estradiol 17 beta dehydrogenase 8, Estradiol 17-beta-dehydrogenase 8, Estrogen 17 oxidoreductase, FABG, FABGL, H2 KE6, HKE6, HSD17B8, Hydroxysteroid 17 beta dehydrogenase 8, 17beta hydroxysteroid dehydrogenase type 8, Ke-6, KE6, Protein Ke6, Really interesting new gene 2 protein, RING2, SDR30C1, Short chain dehydrogenase/reductase family 30C member 1, Testosterone 17 beta dehydrogenase 8, Testosterone 17-beta-dehydrogenase 8. Background: 17beta-HSD8 belongs to the 17beta-HSD family of proteins that regulate the availability of steroids within a tissue. 17beta-HSD8 converts active steroids to their inactive form through its oxidative activity. It is a key player in the inactivation of Estradiol and Testosterone. 17beta-HSD8 is predominantly expressed in placenta, endometrium and prostate but can also be found in liver, and pancreas, with lowest levels found in testis, ovary and kidney. It has been proposed that a reduction in the levels of 17beta-HSD8 may lead to abnormal elevations in the local level of sex steroids, which can lead to recessive renal cystic disease. It has also been suggested that low levels of 17beta-HSD proteins may result in an underdeveloped urogenital system.
Gene ID:	7923
Pathways:	Steroid Hormone Biosynthesis

Application Details

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

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

Handling

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