Datasheet for ABIN916373

anti-SRD5A2 antibody (Alexa Fluor 350)

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Overview

Quantity:	100 µL
Target:	SRD5A2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRD5A2 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SRD5A2
Isotype:	IgG
Specificity:	83 % sequence similarity with 3-oxo-5-alpha-steroid 4-dehydrogenase 1 (SRD5A1)
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SRD5A2
Alternative Name:	Srd5a2 (SRD5A2 Products)
Background:	Synonyms: 5 alpha SR2, EC, SR type 2, Steroid 5 alpha reductase 2, 3 oxo 5 alpha steroid 4 dehydrogenase 2, 3-oxo-5-alpha-steroid 4-dehydrogenase 2, 5 alpha-SR2, 5ART2, e II 5 alpha

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Target Details

	reductase, EC, MGC138457, Micropenis, included, S5A2_HUMAN, S5AR 2, SR type 2, SRD5A2, Steroid 5 alpha reductase 2, Steroid 5-alpha-reductase 2, Steroid-5-alpha-reductase, alpha polypeptide 2 3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2, Type II 5-alpha reductase. Background: Converts testosterone (T) into 5-alpha-dihydrotestosterone (DHT) and progesterone or corticosterone into their corresponding 5-alpha-3-oxosteroids. It plays a central role in sexual differentiation and androgen physiology.
Gene ID:	6716
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis

Application Details

Application Notes:	IF(IHC-P): 1:50-200 Optimal working dilution should be determined by the investigator.
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:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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

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