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Datasheet for ABIN2806653
anti-SRD5A2 antibody (AbBy Fluor® 594)

Overview

| | |
|--------------|---|
| Quantity: | 100 µL |
| Target: | SRD5A2 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SRD5A2 antibody is conjugated to AbBy Fluor® 594 |
| 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 |

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)

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