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Datasheet for ABIN901389

anti-HSD3B7 antibody (AA 281-369) (Alexa Fluor 350)

Overview

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| Quantity: | 100 µL |
| Target: | HSD3B7 |
| Binding Specificity: | AA 281-369 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HSD3B7 antibody is conjugated to Alexa Fluor 350 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human HSD3B7 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse,Cow,Pig,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | HSD3B7 |
| Alternative Name: | Hsd3b7 (HSD3B7 Products) |

Target Details

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|-------------|--|
| Background: | Synonyms: 3 beta-hydroxysteroid dehydrogenase type 7, 3 beta-hydroxysteroid dehydrogenase type VII, 3-beta-HSD VII, 3-beta-hydroxy-Delta(5)-C27 steroid oxidoreductase, C(27) 3-beta-HSD, Cholest-5-ene-3-beta,7-alpha-diol 3-beta-dehydrogenase, HSD3B7 Background: The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. HSD VII is active against four 7-alpha-hydroxylated sterols. Does not metabolize several different C(19/21) steroids as substrates. Involved in bile acid synthesis. |
| Gene ID: | 80270 |
| UniProt: | Q9H2F3 |

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 |