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Datasheet for ABIN704114
anti-SCD antibody (AA 265-359) (Cy3)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | SCD |
| Binding Specificity: | AA 265-359 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SCD antibody is conjugated to Cy3 |
| Application: | Western Blotting (WB), 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 SCD1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Dog,Cow,Sheep,Pig,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|---------------------------------------|
| Target: | SCD |
| Alternative Name: | SCD1 (SCD Products) |

Target Details

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|-------------|--|
| Background: | Synonyms: SCD1, FADS5, SCDOS, MSTP008, Acyl-CoA desaturase, Delta(9)-desaturase, Delta-9 desaturase, Fatty acid desaturase, Stearoyl-CoA desaturase, SCD Background: Terminal component of the liver microsomal stearyl-CoA desaturase system, that utilizes O(2) and electrons from reduced cytochrome b5 to catalyze the insertion of a double bond into a spectrum of fatty acyl-CoA substrates including palmitoyl-CoA and stearyl-CoA. |
| Gene ID: | 6319 |
| UniProt: | O00767 |
| Pathways: | Brown Fat Cell Differentiation |

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 |