Datasheet for ABIN1391258

# anti-SLC16A2/MCT8 antibody (AA 101-200) (FITC)

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## Overview

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|---|---|
| Quantity: | 100 µL |
| Target: | SLC16A2/MCT8 (SLC16A2) |
| Binding Specificity: | AA 101-200 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC16A2/MCT8 antibody is conjugated to FITC |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human MOT8/SLC16A2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Predicted Reactivity: | Rabbit |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | SLC16A2/MCT8 (SLC16A2) |
| Alternative Name: | MOT8/SLC16A2 (SLC16A2 Products) |
| Background: | Synonyms: AHDS, MCT7, MCT8, XPCT, MCT 7, MCT 8, MRX22, DXS128, DXS128E, |

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## Target Details

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| | Monocarboxylate transporter 8, Monocarboxylate transporter 7, Solute carrier family 16 member 2, X-linked PEST-containing transporter, SLC16A2<br>Background: Very active and specific thyroid hormone transporter. Stimulates cellular uptake of thyroxine (T4), triiodothyronine (T3), reverse triiodothyronine (rT3) and diidothyronine. Does not transport Leu, Phe, Trp or Tyr (By similarity). |
| Gene ID: | 6567 |
| UniProt: | P36021 |
| Pathways: | Hormone Transport |

## Application Details

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|---|---|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>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 |