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Datasheet for ABIN6980683

anti-SLC19A2 antibody (AA 21-120) (Alexa Fluor 680)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | SLC19A2 |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC19A2 antibody is conjugated to Alexa Fluor 680 |
| 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 SLC19A2 |
| Isotype: | IgG |
| Specificity: | Possible cross-reactivity with SLC19A3 in human samples |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Pig,Horse,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

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|---------|---------|
| Target: | SLC19A2 |
|---------|---------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | SLC19A2 (SLC19A2 Products) |
| Background: | <p>Synonyms: Thiamine transporter 1, S19A2_HUMAN, SLC19A2, Solute carrier family 19 member 2, TC1, Thiamine carrier 1, THT1, ThTr 1, ThTr-1, ThTr1, TRMA.</p> <p>Background: This gene encodes the thiamin transporter protein. Mutations in this gene cause thiamin-responsive megaloblastic anemia syndrome (TRMA), which is an autosomal recessive disorder characterized by diabetes mellitus, megaloblastic anemia and sensorineural deafness. [provided by RefSeq, Jul 2008]</p> |
| Gene ID: | 10560 |
| UniProt: | O60779 |
| Pathways: | Dicarboxylic Acid Transport |

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 |