



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Monocarboxylate Transport 2. Rabbit Polyclonal Antibody

BACKGROUND

Functions as a proton-linked monocarboxylate transporter and catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate. MCT2 is a very high affinity pyruvate transporter. MCT2 is a cell membrane; Multi-pass membrane protein with high expression in testis, moderate to low expression in spleen, heart, kidney, pancreas, skeletal muscle, brain and leukocytes. The normal expression of MCT2 is restricted to low levels of expression in normal tissues, but is widely expressed in cancer cells.

IMMUNOGEN

Synthetic peptide derived from human MCT2 protein

POSITIVE CONTROL/TISSUE EXPRESSION

Testis, spleen, heart, kidney, pancreas, skeletal muscle, brain and leukocyte.

COMMENTS

Antibody can be used for Western blotting (1:400 starting dilution). Optimal concentration should be evaluated by serial dilutions.

ORDERING INFORMATION

CATALOG NUMBER

X2371P

SIZE

100 µg

FORM

Affinity Purified

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE**APPLICATIONS**

Western blot

SPECIES REACTIVITY

Human

ACCESSION NUMBER

O60669 , Human

PURIFICATION

Ammonium Sulfate Precipitation

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1: Dao L., Landschulz W.H., Landschulz K.T.; Cloning of human monocarboxylate transporter 2 (hMCT2). Submitted (APR-1998) to the EMBL/GenBank/DDBJ databases.

2: Lin R.-Y., Vera J.C., Chaganti R.S.K., Golde D.W.; Human monocarboxylate transporter 2 (MCT2) is a high affinity pyruvate transporter.; J. Biol. Chem. 273:28959-28965(1998).