



Anti- Mct2 (Monocarboxylate transporter 2) Polyclonal Antibody

Category: Polyclonal Antibody

Catalog #: AB2J044

Antigen Synonym: Slc16a7 (Solute carrier family 16 member 7)

Species Reactivity: Mouse

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse Mct2 (Monocarboxylate transporter 2)

Description: Mct2 (Monocarboxylate transporter 2) functions as a Proton-linked monocarboxylate transporter. Mct2 (Monocarboxylate transporter 2) 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 high affinity pyruvate transporter. MCT2 interacts with GRID2IP. MCT2 is a multi-pass membrane protein. MCT2 belongs to the major facilitator superfamily and Monocarboxylate porter (TC 2.A.1.13) family.

Reference:

Koehler-Stec, E.M., et al, Am. J. Physiol. 275 (3 PT 1), E516-E524 (1998)
Watanabe-Kaneko, K., et al, Neuroreport 18 (5), 489-493 (2007)

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