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Datasheet for ABIN6982861

anti-SLC16A7 antibody (AA 411-478) (Biotin)

Overview

Quantity:	100 µL
Target:	SLC16A7
Binding Specificity:	AA 411-478
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC16A7 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse MCT2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SLC16A7
Alternative Name:	MCT2 (SLC16A7 Products)
Background:	Synonyms: MCT 2, MCT, Monocarboxylate transporter 2, MonocarboxylateTransporter 2, MOT2, MOT2_HUMAN, SLC16A7, Solute carrier family 16 member 7, Solute carrier Family 16

Target Details

Monocarboxylic Acid Transporters Member 7.

Background: Proton-linked monocarboxylate transporter. 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.

Gene ID: 9194

UniProt: [O70451](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

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 for 12 months.

Expiry Date: 12 months