



Datasheet for ABIN966547  
**anti-MCTS1 antibody (N-Term)**



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2 Publications

Overview

Quantity:	0.1 mg
Target:	MCTS1
Binding Specificity:	N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCTS1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen: Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse Mct1 (Monocarboxylate transporter 1)

Target Details

Target:	MCTS1
Alternative Name:	Mct1 ( <a href="#">MCTS1 Products</a> )
Background:	Mct1 (Monocarboxylate transporter 1) functions as a Proton-linked monocarboxylate transporter. Mct1 (Monocarboxylate transporter 1) 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. Mct1 (Monocarboxylate transporter 1) is a multi-pass membrane

## Target Details

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protein. Major isoform present in tumor cells, erythrocytes. Mct1 belongs to the major facilitator superfamily and Monocarboxylate porter (TC 2.A.1.13) family.

Synonyms: Slc16a1 (Solute carrier family 16 member 1)

## Application Details

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C

## Publications

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Product cited in: Helisalmi, Väkevä, Hiltunen, Soininen: "Flanking markers of cystatin c (CST3) gene do not show association with Alzheimer's disease." in: **Dementia and geriatric cognitive disorders**, Vol. 27, Issue 4, pp. 318-21, (2009) ([PubMed](#)).

Rehman, Fought, Solomon: "N-acetylcysteine effect on serum creatinine and cystatin C levels in CKD patients." in: **Clinical journal of the American Society of Nephrology : CJASN**, Vol. 3, Issue 6, pp. 1610-4, (2008) ([PubMed](#)).