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## Datasheet for ABIN5516550 anti-SLC16A2/MCT8 antibody (N-Term)

### Overview

Quantity:	100 µL
Target:	SLC16A2/MCT8 (SLC16A2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC16A2/MCT8 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC16A2
Sequence:	EPEPVPVPPP EPQPEPQLP DPAPLPELEF ESERVHEPEP TPTVETRGT A
Purification:	Affinity purified

### Target Details

Target:	SLC16A2/MCT8 (SLC16A2)
Alternative Name:	SLC16A2 ( <a href="#">SLC16A2 Products</a> )
Background:	This gene encodes an integral membrane protein that functions as a transporter of thyroid hormone. The encoded protein facilitates the cellular importation of thyroxine (T4), triiodothyronine (T3), reverse triiodothyronine (rT3) and diiodothyronine (T2). This gene is

## Target Details

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expressed in many tissues and likely plays an important role in the development of the central nervous system. Loss of function mutations in this gene are associated with psychomotor retardation in males while females exhibit no neurological defects and more moderate thyroid-deficient phenotypes. This gene is subject to X-chromosome inactivation. Mutations in this gene are the cause of Allan-Herndon-Dudley syndrome.

Alias Symbols: AHDS, MCT7, MCT8, XPCT, MCT 7, MCT 8, MRX22, DXS128, DXS128E

Protein Size: 539

Gene ID:	6567
NCBI Accession:	<a href="#">NM_006517</a> , <a href="#">NP_006508</a>
UniProt:	<a href="#">P36021</a>
Pathways:	<a href="#">Hormone Transport</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.