

Datasheet for ABIN5516550

anti-SLC16A2/MCT8 antibody (N-Term)



[Go to Product page](#)

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 (SLC16A2 Products)
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

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:	NM_006517 , NP_006508
UniProt:	P36021
Pathways:	Hormone Transport

Application Details

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

Handling

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.