

## Datasheet for ABIN7464137 **anti-SLC16A1 antibody**



[Go to Product page](#)

### Overview

Quantity:	100 µL
Target:	SLC16A1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC16A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MCT1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	SLC16A1
Alternative Name:	solute carrier family 16 member 1 ( <a href="#">SLC16A1 Products</a> )
Background:	Solute carrier family 16 member 1 , HHF7 , MCT , MCT1 , MCT1D, The SLC16A1 gene encodes a monocarboxylate transporter (MCT1) that mediates the movement of lactate and pyruvate across cell membranes Import and export of these substrates by tissues such as erythrocytes,

## Target Details

	muscle, intestine, and kidney are ascribed largely to the action of a proton-coupled MCT (Garcia et al., 1994 [PubMed 8124722]).[supplied by OMIM]
Molecular Weight:	54 kDa
Gene ID:	6566
UniProt:	<a href="#">P53985</a>
Pathways:	<a href="#">Warburg Effect</a>

## Application Details

Application Notes:	WB: 1:500-1:10000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa , HepG2 , human MCT1-transfected 293T Validation: Overexpression
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.