

DNAxPAb

Hard-to-Find  
Antibody

# SLC16A1 DNAxPab

Catalog # H00006566-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC16A1 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — SLC16A1

Entrez GeneID	<a href="#">6566</a>
GeneBank Accession#	<a href="#">NM_003051.2</a>
Protein Accession#	<a href="#">NP_003042.2</a>
Gene Name	SLC16A1
Gene Alias	FLJ36745, HHF7, MCT, MCT1, MGC44475
Gene Description	solute carrier family 16, member 1 (monocarboxylic acid transporter 1)
Omim ID	<a href="#">245340 600682</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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, muscle, intestine, and kidney are ascribed largely to the action of a proton-coupled MCT (Garcia et al., 1994 [PubMed 8124722]).[supplied by OMIM]
Other Designations	OTTHUMP00000013960 monocarboxylate transporter 1 solute carrier family 16 (monocarboxylic acid transporters), member 1 solute carrier family 16, member 1

## Disease

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- [Diabetes Mellitus](#)
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- [Hearing Loss](#)
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