

# Slc16a3 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12321

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P57787</a>
<b>Other Accession</b>	<a href="#">NM_030696</a> , <a href="#">NP_109621</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	50373

## Additional Information

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<b>Gene ID</b>	80879
<b>Alias Symbol</b>	Mct3, Mct4
<b>Other Names</b>	Monocarboxylate transporter 4, MCT 4, Solute carrier family 16 member 3, Slc16a3, Mct4
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Slc16a3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Slc16a3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

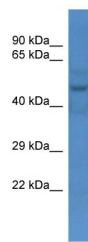
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<b>Name</b>	Slc16a3
<b>Synonyms</b>	Mct4
<b>Function</b>	Proton-dependent transporter of monocarboxylates such as L- lactate and pyruvate (By similarity). Plays a predominant role in the L-lactate efflux from highly glycolytic cells (Probable).
<b>Cellular Location</b>	Cell membrane {ECO:0000250 UniProtKB:O15427}; Multi-pass membrane protein. Basolateral cell membrane {ECO:0000250 UniProtKB:O15427}; Multi-pass membrane protein. Note=Plasma membrane localization is dependent upon the BSG/MCT4 interaction. Basolateral sorting signals (BLSS)

in C-terminal cytoplasmic tail ensure its basolateral expression in polarised epithelial cells. {ECO:0000250|UniProtKB:O15427}

## Images

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WB Suggested Anti-Slc16a3 Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.