

Rabbit SLC16A4 Polyclonal Antibody | anti-SLC16A4 antibody

SLC16A4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326879	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

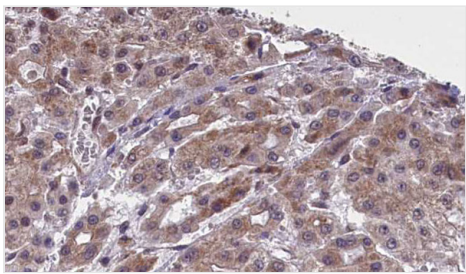
PRODUCT SYNONYMS

SLC16A4; Polyclonal Antibody; SLC16A4 Antibody; AW146050; MCT4; MCT5; MGC37305; Monocarboxylate transporter 4; Monocarboxylate transporter 5; OTTHUMP00000013008; OTTMUSP00000028710; Solute carrier family 16 (monocarboxylic acid transporters); member 4; Solute carrier family 16 member 4; Solute carrier family 16; member 4 (monocarboxylic acid transporter 5); anti-SLC16A4 antibody

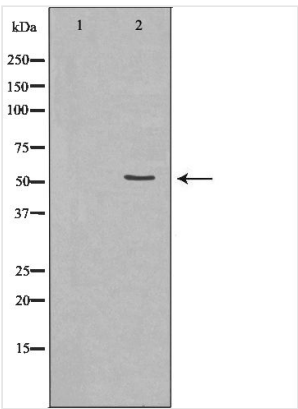
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC16A4 antibody detects endogenous levels of total SLC16A4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	439
Applicable Applications for anti-SLC16A4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human SLC16A4
Subcellular Location	Cell Membrane; Multipass Membrane Protein.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (92%), Bovine (100%), Horse (92%), Sheep (100%), Rabbit (92%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326879 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of Mouse muscle tissue lysate, using SLC16A4 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A4 antibody	Function: Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate (By similarity). Similarity: Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	319996630
NCBI GeneID	9122
NCBI Accession #	NP_001188475.1
NCBI GenBank Nucleotide #	NM_001201546.1
UniProt Accession #	O15374; Q5T612; Q8WU09; A8K3V5; B2R9C9; B4DJ67; B4DPX7; E7EPY8; G3V175
Molecular Weight	Observed: 54 kDa Predicted: 55 kDa
NCBI Official Full Name	monocarboxylate transporter 5 isoform 2
NCBI Official Synonym Full Names	solute carrier family 16 member 4
NCBI Official Symbol	SLC16A4
NCBI Official Synonym Symbols	MCT4; MCT5
NCBI Protein Information	monocarboxylate transporter 5
UniProt Protein Name	Monocarboxylate transporter 5
UniProt Gene Name	SLC16A4
UniProt Synonym Gene Names	MCT4; MCT5; MCT 5; MCT 4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.