

Rabbit SLC16A4 Polyclonal Antibody | anti-SLC16A4 antibody

Anti-SLC16A4 antibody

CATALOG # AAA45700	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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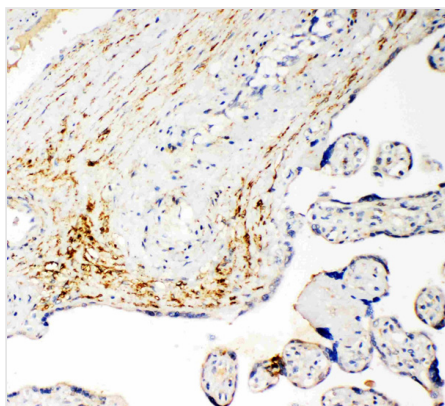
PRODUCT SYNONYMS

SLC16A4; Polyclonal Antibody; Anti-SLC16A4 antibody; Monocarboxylate transporter 5; solute carrier family 16; member 4(monocarboxylic acid transporter 5); MCT4 antibody; MCT5 antibody; Monocarboxylate transporter 4; Solute carrier family 16 member 4; member 4; SOLUTE CARRIER FAMILY 16(MONOCARBOXYLIC ACID TRANSPORTER); MEMBER 4; anti-SLC16A4 antibody

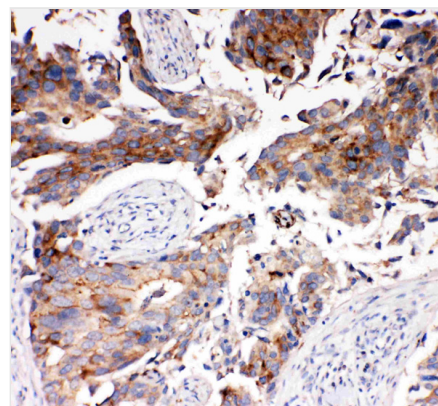
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	487
Applicable Applications for anti-SLC16A4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SLC16A4 (134-148aa VVTTYFKKRLALST), different from the related rat and mouse sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

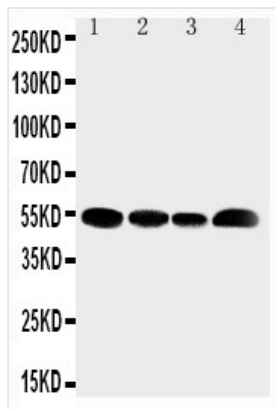
IMAGES



IHC (Immunohistochemistry)
Anti-SLC16A4 antibody, AAA45700, IHC(P)IHC(P): Human Placenta Cancer Tissue



IHC (Immunohistochemistry)
Anti-SLC16A4 antibody, AAA45700, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)

Anti-SLC16A4 antibody, AAA45700, Western blotting
 Lane 1: Rat Testis Tissue Lysate
 Lane 2: JURKAT Cell Lysate
 Lane 3: HELA Cell Lysate
 Lane 4: MCF-7 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A4 antibody

Description: Rabbit IgG polyclonal antibody for Monocarboxylate transporter 5 (SLC16A4) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: Monocarboxylate transporter 5, also called Solute carrier family 16 member 4 or MCT4, is a protein that in humans is encoded by the SLC16A4 gene. This gene is mapped to 1p13.3. It acts as the proton-linked monocarboxylate transporter. This gene 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6225706
NCBI GeneID	9122
UniProt Accession #	O15374; Q5T612; Q8WU09; A8K3V5; B2R9C9; B4DJ67; B4DPX7; E7EPY8; G3V175
Molecular Weight	49,100 Da
NCBI Official Full Name	Monocarboxylate transporter 5
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; MCT 4; MCT 5; monocarboxylate transporter 4; solute carrier family 16 (monocarboxylic acid transporters), member 4; solute carrier family 16, member 4 (monocarboxylic acid transporter 5)
UniProt Protein Name	Monocarboxylate transporter 5
UniProt Gene Name	SLC16A4
UniProt Synonym Gene Names	MCT4; MCT5; MCT 5; MCT 4
UniProt Entry Name	MOT5_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc16a4-antibody-immunohistochemistry-western-blot-elisa/45700>