

Rabbit SLC16A8 Polyclonal Antibody | anti-SLC16A8 antibody

SLC16A8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329142	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%)	ELISA

PRODUCT SYNONYMS

SLC16A8; Polyclonal Antibody; SLC16A8 Antibody; MCT 3; MCT3; Monocarboxylate transporter 3; Monocarboxylic acid transporter 3; OTTHUMP00000028510; REMP; Solute carrier 16 (monocarboxylic acid transporters) member 8; Solute carrier family 16 member 8; solute carrier family 16; member 8 (monocarboxylic acid transporter 3); anti-SLC16A8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC16A8 Antibody detects endogenous levels of total SLC16A8.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	504
Applicable Applications for anti-SLC16A8 antibody	ELISA
Immunogen	A synthesized peptide derived from human SLC16A8, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329142 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329142 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA329142 at 1/100 staining Mouse brain 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA329142 at 1/100 staining Rat brain 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 primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Mouse testis, using SLC16A8 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A8 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).

Subcellular Location: Cell membrane>Multi-pass membrane protein.

Tissue Specificity: Retinal pigment epithelium.

Similarity: Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114796626
NCBI GeneID	23539
NCBI Accession #	NP_037488.2
NCBI GenBank Nucleotide #	NP_037488.2
UniProt Accession #	O95907
Molecular Weight	Observed Molecular Weight: (Observed)52kD. Predicted Molecular Weight: (Calculated)52kDa.
NCBI Official Full Name	monocarboxylate transporter 3
NCBI Official Synonym Full Names	solute carrier family 16 member 8
NCBI Official Symbol	SLC16A8
NCBI Official Synonym Symbols	MCT3; REMP
NCBI Protein Information	monocarboxylate transporter 3
UniProt Protein Name	Monocarboxylate transporter 3
UniProt Gene Name	SLC16A8
UniProt Synonym Gene Names	MCT3; MCT 3
UniProt Entry Name	MOT3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc16a8-antibody-elisa/329142>