

Product Name: MCT12 Rabbit Polyclonal Antibody
Catalog #: APRab13739



Summary

Production Name	MCT12 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SLC16A12
Alternative Names	SLC16A12; MCT12; Monocarboxylate transporter 12; MCT 12; Solute carrier family 16 member 12
Gene ID	387700.0
SwissProt ID	Q6ZSM3.The antiserum was produced against synthesized peptide derived from human MOT12. AA range:115-164

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:20000
Molecular Weight	53kD

Background

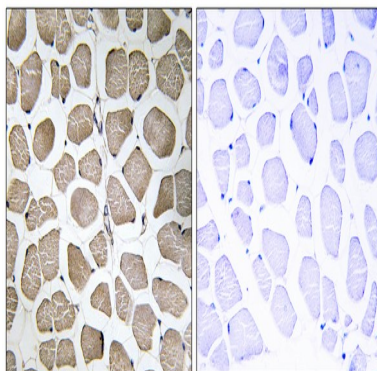
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This gene encodes a transmembrane transporter that likely plays a role in monocarboxylic acid transport. A mutation in this gene has been associated with juvenile cataracts with microcornea and renal glucosuria. [provided by RefSeq, Mar 2010],disease:Defects in SLC16A12 are a cause of cataract juvenile with microcornea and glucosuria (CJMG) [MIM:612018]. Renal glucosuria is defined by elevated glucose level in the urine without hyperglycemia and without evidence of morphological renal anomalies.,function:Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates.,similarity:Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family.,tissue specificity:Most highly expressed in kidney, followed by retina, lung, and testis. Very weakly expressed in brain and liver. Also detected in lens.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using MCT12 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.