



MOT6 Polyclonal Antibody

Catalog No	YP-Ab-05745
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SLC16A5 MCT5 MCT6
Immunogen	Synthesized peptide derived from human protein . at AA range: 220-300
Specificity	MOT6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MOT6;SLC16A5 MCT5 MCT6;Monocarboxylate transporter 6 (MCT 6) (Monocarboxylate transporter 5) (MCT 5) (Solute carrier family 16 member 5)
Observed Band	55kD
Calculated Molecular Weight	55kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Highly expressed in kidney.
Function	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.,similarity:Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family.,tissue specificity:Highly expressed in kidney.,
Background	This gene encodes a member of the monocarboxylate transporter family and the major facilitator superfamily. The encoded protein is localized to the cell membrane and acts as a proton-linked transporter of bumetanide. Transport by the encoded protein is inhibited by four loop diuretics, nateglinide, thiazides, probenecid, and glibenclamide. Alternative splicing results in multiple transcript



variants. [provided by RefSeq, Nov 2012],

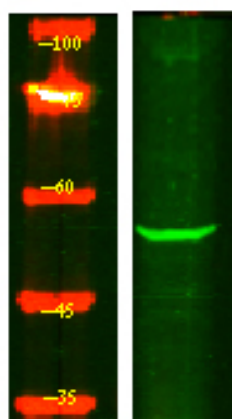
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of HEK293 lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000