



MOT10 rabbit pAb

Catalog No	YP-Ab-11812
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB; IHC
Gene Name	SLC16A10 MCT10 TAT1
Immunogen	Synthesized peptide derived from human MOT10 AA range: 163-213
Specificity	This antibody detects endogenous levels of MOT10 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000; IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TAT1; MOT10; SLC16A10 MCT10 TAT1
Observed Band	57kD
Calculated Molecular Weight	57kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Basolateral cell membrane .
Tissue Specificity	Strongly expressed in kidney and skeletal muscle and at lower level in placenta and heart.
Function	function: Sodium-independent transporter that mediates the uptake of aromatic acid. Can function as a net efflux pathway for aromatic amino acids in the basolateral epithelial cells., PTM: Not N-glycosylated., similarity: Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family., tissue specificity: Strongly expressed in kidney and skeletal muscle and at lower level in placenta and heart.,
Background	SLC16A10 is a member of a family of plasma membrane amino acid transporters that mediate the Na(+)-independent transport of aromatic amino acids across the plasma membrane.[supplied by OMIM, Apr 2004],



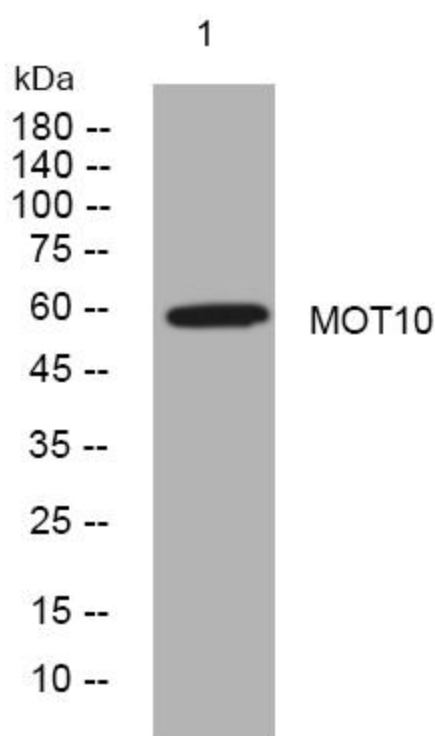
matters needing attention

Avoid repeated freezing and thawing!

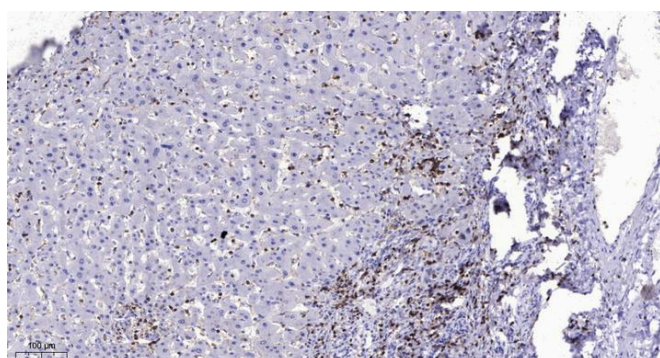
Usage suggestions

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

Products Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4 ° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).