



MOT5 Polyclonal Antibody

Catalog No	YP-Ab-05744
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SLC16A4 MCT4 MCT5
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	MOT5 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	MCT 5;MCT 6;MCT5;MCT6;Monocarboxylate transporter 5;Monocarboxylate transporter 6;SLC16A5;MOT5;SLC16A4 MCT4 MCT5;Monocarboxylate transporter 5 (MCT 5) (Monocarboxylate transporter 4) (MCT 4) (Solute carrier family 16 member 4)
Observed Band	50-55 kDa
Calculated Molecular Weight	505 aa, 55 kDa
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Brain,Placenta,Synovial membrane,
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.,
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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