

Anti-MOT2 antibody



Description	Unconjugated Rabbit polyclonal to MOT2
Model	STJ190974
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human MOT2 protein.
Immunogen Region	220-300aa
Gene ID	9194
Gene Symbol	SLC16A7
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MOT2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Detected in heart and in blood lymphocytes and monocytes (at protein level). High expression in testis, moderate to low in spleen, heart, kidney, pancreas, skeletal muscle, brain and Leukocyte. Restricted expression in normal tissues, but widely expressed in cancer cells.
Purification	MOT2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Monocarboxylate transporter 2 MCT 2 Solute carrier family 16 member 7
Molecular Weight	52 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10928OMIM:603654
Alternative Names	Monocarboxylate transporter 2 MCT 2 Solute carrier family 16 member 7
Function	Proton-coupled 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. Functions as high-affinity pyruvate transporter.
Cellular Localization	Cell membrane

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