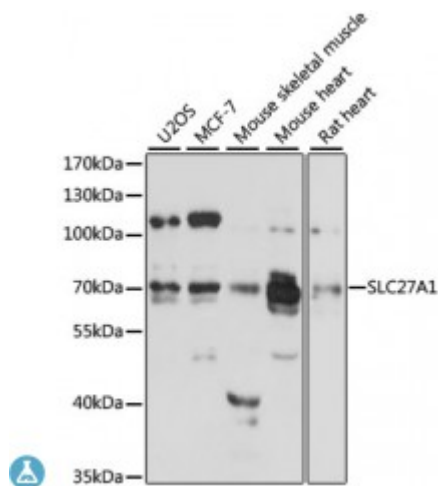


Anti-SLC27A1 Antibody



Model	STJ114713
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 347-646 of human SLC27A1 (NP_940982.1).
Gene ID	376497
Gene Symbol	SLC27A1
Dilution range	WB 1:1000 - 1:2000
Tissue Specificity	Highest levels of expression are detected in muscle and adipose tissue small, intermediate levels in small intestine, and barely detectable in liver
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Long-chain fatty acid transport protein 1 FATP-1 Fatty acid transport protein 1
Molecular Weight	71.108 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.

Database Links	HGNC:10995OMIM:600691Reactome:R-HSA-1989781
Alternative Names	Long-chain fatty acid transport protein 1 FATP-1 Fatty acid transport protein 1
Function	Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane, The LFCA import appears to be hormone-regulated in a tissue-specific manner, In adipocytes, but not myocytes, insulin induces a rapid translocation of FATP1 from intracellular compartments to the plasma membrane, paralleled by increased LFCA uptake, May act directly as a bona fide transporter, or alternatively, in a cytoplasmic or membrane-associated multimeric protein complex to trap and draw fatty acids towards accumulation, Plays a pivotal role in regulating available LFCA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation or triglyceride synthesis, May be involved in regulation of cholesterol metabolism, Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids ,
Cellular Localization	Cell membrane,

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