

MCT1 Polyclonal Antibody

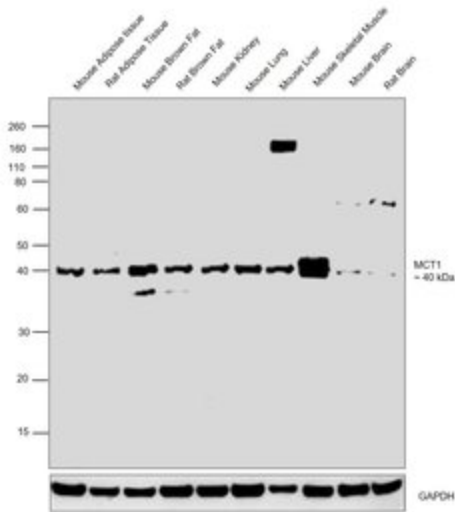
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide made to an internal portion of the human Monocarboxylic acid transporter 1 protein (between residues 200-300) [UniProt P53985]
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2718811

Applications	Tested Dilution	Publications
Immunofluorescence (IF)	1:100-1:250	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Western Blot (WB)	2-2.5 µg/ml	-

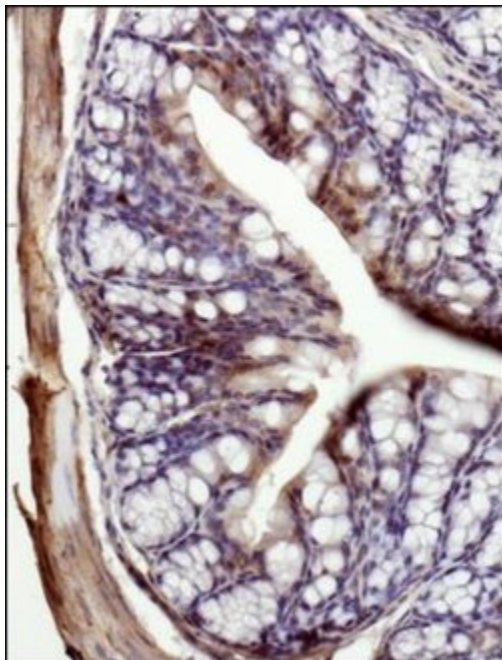
Advanced Verification Data

MCT1 Antibody (PA5-72957)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues owing to their inherent genetic constitution. The expression was observed across the tissues except in Mouse and Rat Brain using MCT1 Polyclonal Antibody (Product # PA5-72957) in Western Blot. Relative expression validation info.

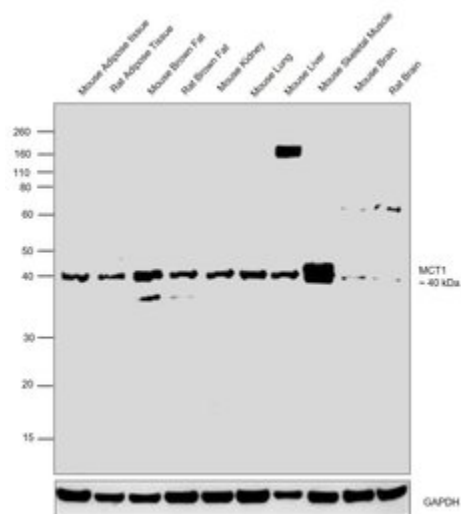


Product Images For MCT1 Polyclonal Antibody



MCT1 Antibody (PA5-72957) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded submucosa of mouse intestine tissue. The sample was probed with MCT1/SLC16A1 polyclonal antibody (Product # PA5-72957).



MCT1 Antibody (PA5-72957) in WB

Western blot was performed using Anti-MCT1 Polyclonal Antibody (Product # PA5-72957) and a 40 kDa band corresponding to MCT1 was observed across the tissues tested except in Mouse Brain and Rat Brain which are reported to be negative. Tissue extracts (30 µg lysate) of Mouse Adipose (Lane 1), Rat Adipose (Lane 2), Mouse Brown Fat (Lane 3), Rat Brown Fat (Lane 4), Mouse Kidney (Lane 5), Mouse Lung (Lane 6), Mouse Liver (Lane 7), Mouse Skeletal Muscle (Lane 8), Mouse Brain (Lane 9) and Rat Brain (Lane 10) were electrophoresed using Novex® NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (2 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution), using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).

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