

MCT2 Polyclonal Antibody

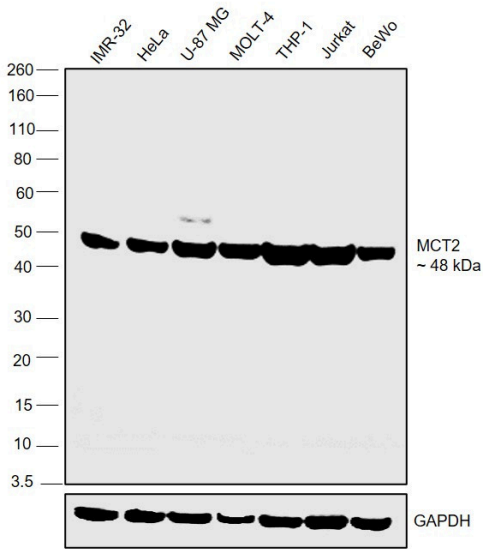
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 16, member 7 (monocarboxylic acid transporter 2)
Form	Liquid
Concentration	2.4 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 40% glycerol
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2635971

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-

Product Specific Information

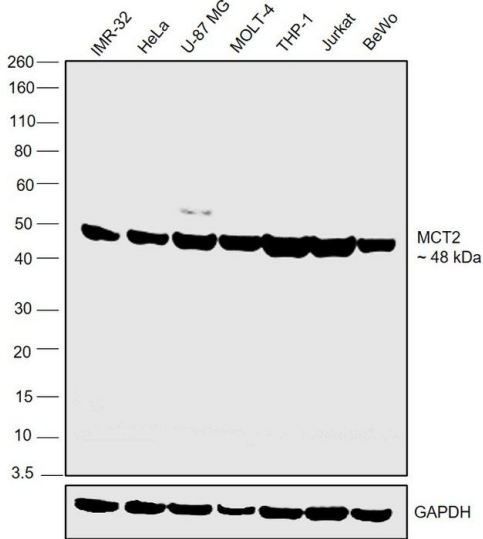
The antibody detects endogenous levels of total SLC16A7 / MCT2 protein.

Product Images For MCT2 Polyclonal Antibody



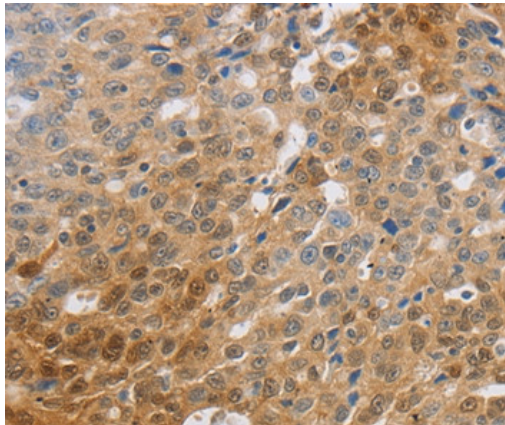
MCT2 Antibody (PA5-50518)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of Monocarboxylate transporter 2 was observed in THP-1, Jurkat as compared to IMR-32, HeLa, BeWo using Anti-MCT2 Polyclonal Antibody (Product # PA5-50518) in Western Blot. {RE}



MCT2 Antibody (PA5-50518) in WB

Western blot was performed using Anti-MCT2 Polyclonal Antibody (Product # PA5-50518) and a 48 kDa band corresponding to Monocarboxylate transporter 2 was observed across cell lines tested. Membrane enriched extracts (30 µg lysate) of IMR-32 (Lane 1), HeLa (Lane 2), U-87 MG (Lane 3), MOLT-4 (Lane 4), THP-1 (Lane 5), Jurkat (Lane 6), BeWo (Lane 7) were electrophoresed using 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 (1:1000) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



MCT2 Antibody (PA5-50518) in IHC (P)

Immunohistochemical analysis of MCT2 in paraffin embedded Human ovarian cancer tissue using MCT2 Polyclonal Antibody (Product # PA5-50518) at a 1:70 dilution.

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