

ATP Citrate Lyase Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 2 and 285 of Human ATP citrate lyase
Form	Liquid
Concentration	0.55 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546973

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

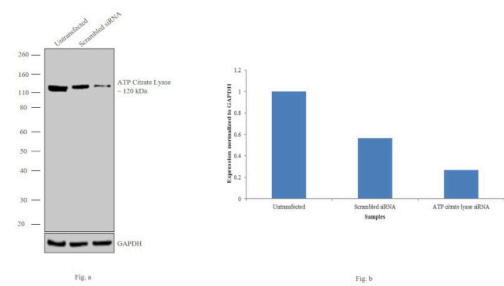
Product Specific Information

Recommended positive controls: 293T, A431, Jurkat, Raji, mouse brain, rat brain.

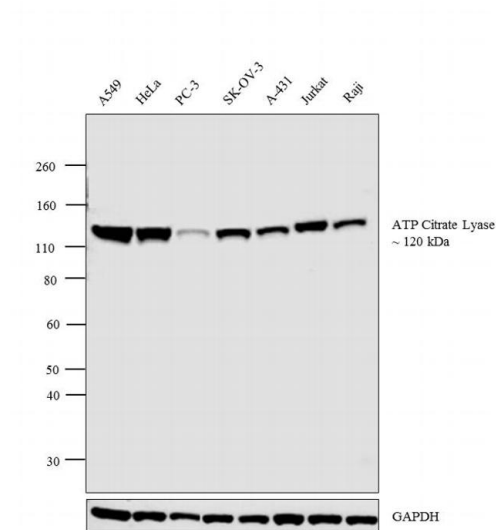
Predicted reactivity: Mouse (96%), Rat (96%), Pig (95%), Chicken (85%), Sheep (97%), Bovine (98%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

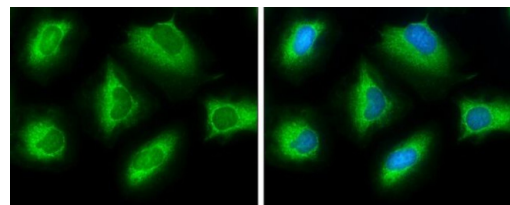
Product Images For ATP Citrate Lyase Polyclonal Antibody



ATP Citrate Lyase Antibody (PA5-29497)
Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A549 cells were transfected with ATP Citrate Lyase siRNA and reduction of signal was observed in Western Blot using ATP Citrate Lyase Polyclonal Antibody (Product # PA5-29497). {KD}



ATP Citrate Lyase Antibody (PA5-29497) in WB
Western blot analysis was performed on whole cell extracts (30 µg lysate) of A549 (Lane 1), HeLa (Lane 2), PC-3 (Lane 3), SK-OV-3 (Lane 4), A-431 (Lane 5), Jurkat (Lane 6) and Raji (Lane 7). The blot was probed with Anti-ATP Citrate Lyase Polyclonal Antibody (Product # PA5-29497, 1:1,000 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 120 kDa band corresponding to ATP Citrate Lyase was detected across the cell lines tested.



ATP Citrate Lyase Antibody (PA5-29497) in ICC/IF
Immunocytochemistry-Immunofluorescence analysis of ATP Citrate Lyase was performed in HeLa cells fixed in ice cold MeOH for 5 min. Green: ATP Citrate Lyase Polyclonal Antibody (Product # PA5 29497) diluted at 1:500. Blue: Hoechst 33342 staining.

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1 Reference

Western Blot (1)

<p>Journal of virology</p> <p>Human Cytomegalovirus pUL37x1 Is Important for Remodeling of Host Lipid Metabolism.</p> <p>"PA5-29497 was used in Western Blotting to show that pUL37x1 is important for the high levels of fatty acid elongation and PL-VLCFA accumulation that occur in HCMV-infected cells."</p> <p>Authors: Xi Y,Harwood S,Wise LM,Purdy JG</p>	<p>Year</p> <p>2019</p> <p>Species</p> <p>Human</p>
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