

ACAA2 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human ACAA2 (207-242aa EVKTKKGKQTMQVDEHARPQTTLEQLQKLPPVFKKD).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 5mg BSA
Contains	0.05mg sodium azide
Storage conditions	-20°C
RRID	AB_2745825

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	0.5-1 µg/mL	-
Immunocytochemistry (ICC/IF)	2 µg/mL	-
Flow Cytometry (Flow)	1-3 µg/1x10 ⁶ cells	-

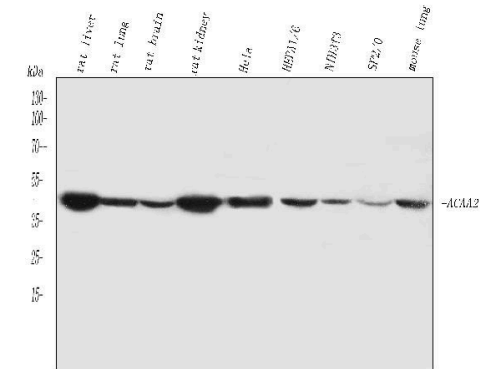
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For ACAA2 Polyclonal Antibody

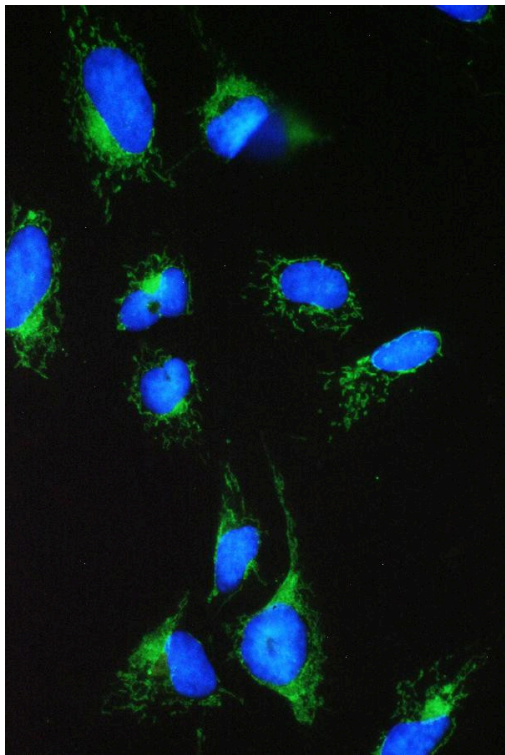
ACAA2 Antibody (PA5-78709) in WB

Western blot analysis of ACAA2 in, Lane 1: rat liver tissue lysates, Lane 2: rat lung tissue lysates, Lane 3: rat brain tissue lysates, Lane 4: rat kidney tissue lysates, Lane 5: human Hela whole cell lysates, Lane 6: mouse HEPA1-6 whole cell lysates, Lane 7: mouse NIH/3T3 whole cell lysates, Lane 8: mouse SP2/0 whole cell lysates, Lane 9: mouse lung tissue lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with ACAA2 Polyclonal Antibody (Product # PA5-78709) at 0.5 g/mL overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5,000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for ACAA2 at approximately 42 kDa. The expected band size for ACAA2 is at 42 kDa.



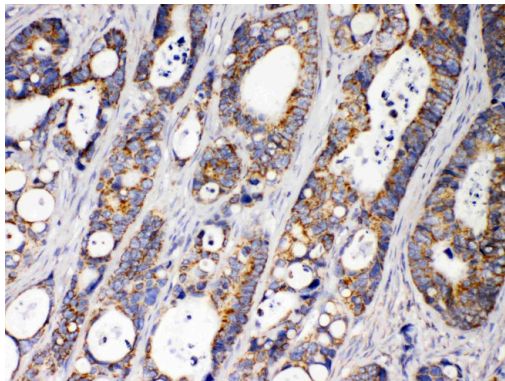
ACAA2 Antibody (PA5-78709) in ICC/IF

Immunocytochemistry analysis of ACAA2 using anti-ACAA2 antibody (Product # PA5-78709). ACAA2 was detected in a section of U2OS cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum and then incubated with 2g/mL rabbit anti-ACAA2 antibody (Product # PA5-78709) overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



ACAA2 Antibody (PA5-78709) in IHC (P)

Immunohistochemistry analysis of ACAA2 on paraffin-embedded human intestinal cancer tissue. Sample was incubated with ACAA2 polyclonal antibody (Product# PA5-78709) with a dilution of 1 µg/mL, and developed by Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



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