

Basic Information

Product Name	Anti-ACAA2 Antibody (Clone#OTI1D3)	
Gene Name	ACAA2	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG2b	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF	
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Immunogen	Full length human recombinant protein of human ACAA2(NP_006102) produced in HEK293T cell.	
Concentration	500 ug/ml	
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Observed MW	42 kDa	
Dilution Ratios	Western blot (WB): 1:4000 Immunohistochemistry (IHC): 1:150 Immunocytochemistry/Immunofluorescence (ICC/IF):1:100	

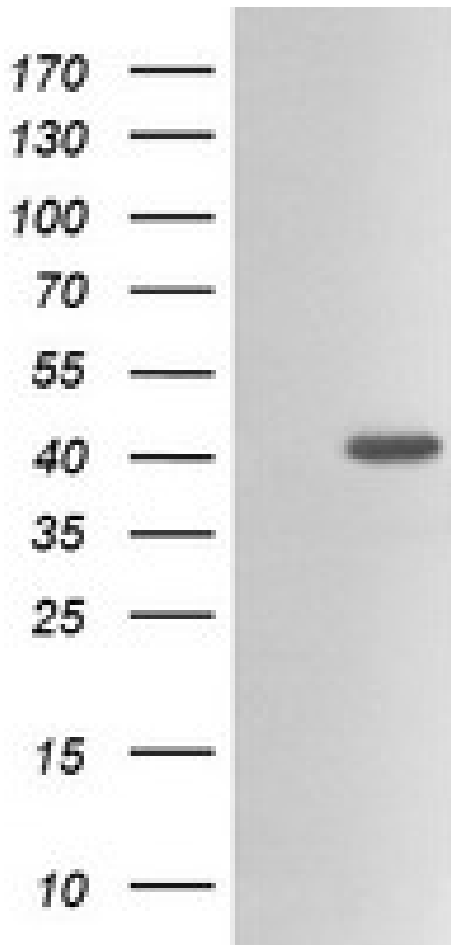
Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

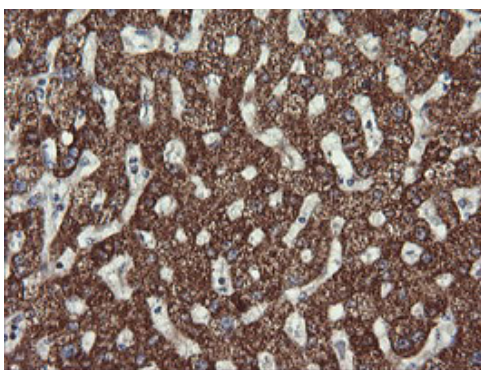
Background Information

The encoded protein catalyzes the last step of the mitochondrial fatty acid beta-oxidation spiral. Unlike most mitochondrial matrix proteins, it contains a non-cleavable amino-terminal targeting signal. [provided by RefSeq, Jul 2008]

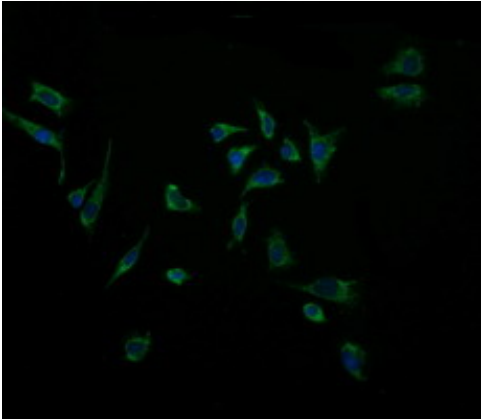
Selected Validation Data



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACAA2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACAA2.



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ACAA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, M08341-2)



Immunofluorescent staining of HeLa cells using anti-ACAA2 mouse monoclonal antibody.