Anti-ACAA2 Antibody (Clone#OTI1D3)

Catalog Number: *M08341-2*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

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

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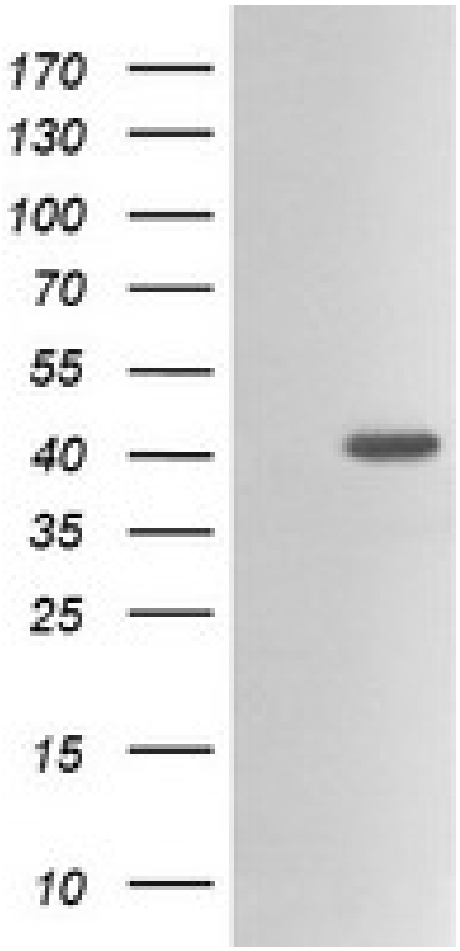
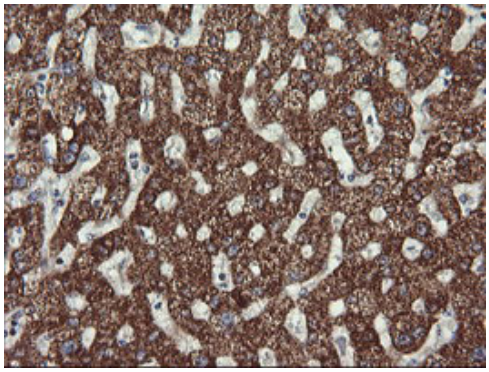


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACAA2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACAA2.



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)

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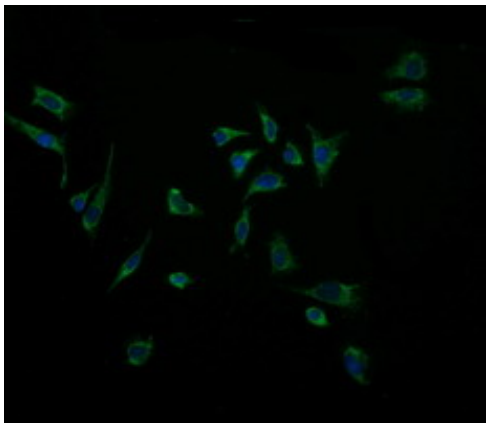

Immunofluorescent staining of HeLa cells using anti-ACAA2 mouse monoclonal antibody.