

Product datasheet for **TA506154S**

ACAA2 Mouse Monoclonal Antibody [Clone ID: OTI2F6]

Product data:

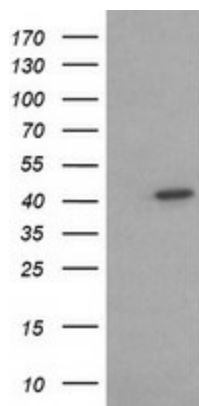
| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI2F6 |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB 1:200~2000, IHC 1:150, IF 1:100 |
| Reactivity: | Human, Dog, Rat, Monkey, Mouse |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human ACAA2(NP_006102) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 41.7 kDa |
| Gene Name: | acetyl-CoA acyltransferase 2 |
| Database Link: | NP_006102 Entrez Gene 52538 Mouse Entrez Gene 170465 Rat Entrez Gene 490568 Dog Entrez Gene 709350 Monkey Entrez Gene 10449 Human P42765 |
| Background: | 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] |
| Synonyms: | DSAEC |



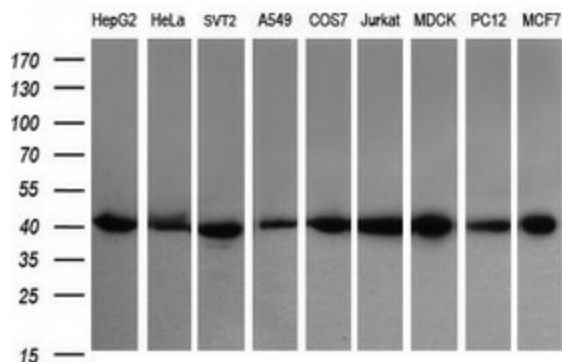
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Protein Pathways: Fatty acid elongation in mitochondria, Fatty acid metabolism, Metabolic pathways, Valine, leucine and isoleucine degradation

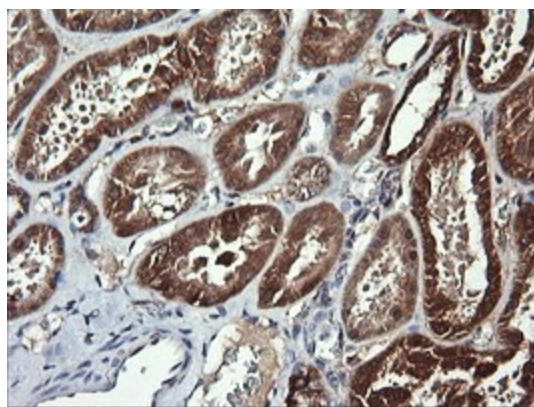
Product images:



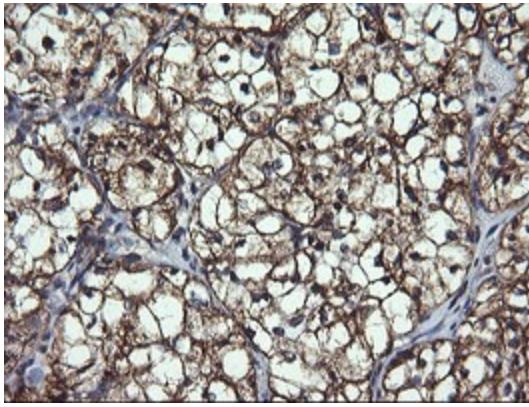
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACAA2 ([RC201096], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACAA2. Positive lysates [LY401843] (100ug) and [LC401843] (20ug) can be purchased separately from OriGene.



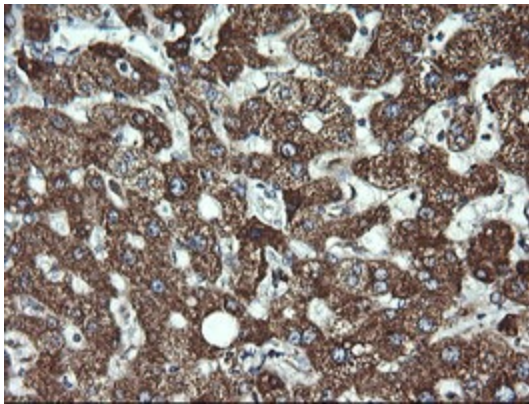
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ACAA2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



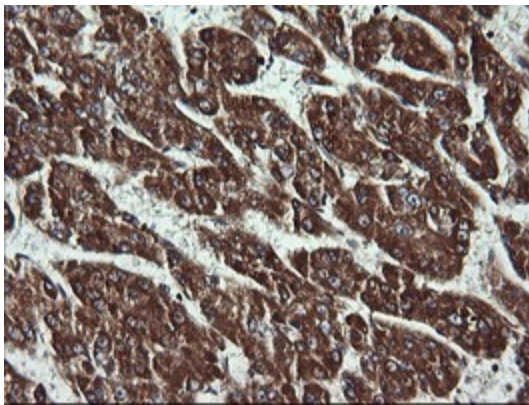
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-ACAA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506154])



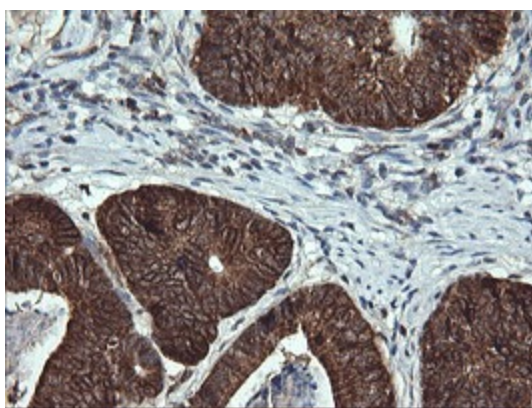
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-ACAA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506154])



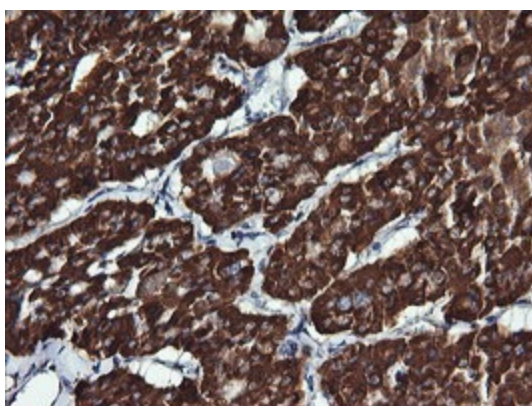
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ACAA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506154])



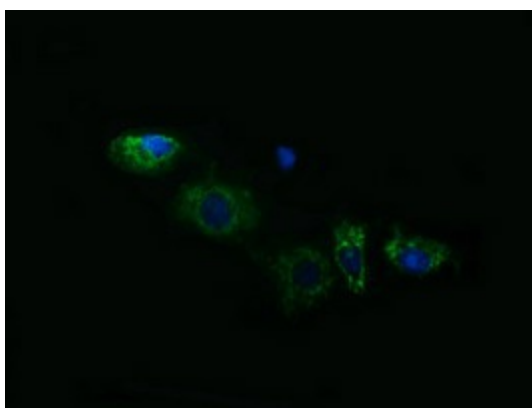
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-ACAA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506154])



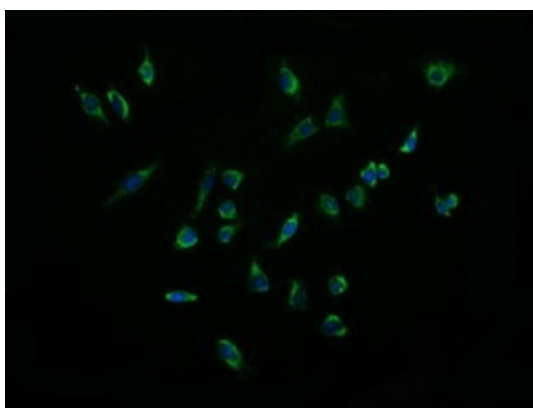
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-ACAA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506154])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-ACAA2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506154])



Anti-ACAA2 mouse monoclonal antibody ([TA506154]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ACAA2 ([RC201096]).



Immunofluorescent staining of HeLa cells using anti-ACAA2 mouse monoclonal antibody ([TA506154]).