

FATP2 Antibody

Catalog No: #48437

Package Size: #48437-1 50ul #48437-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

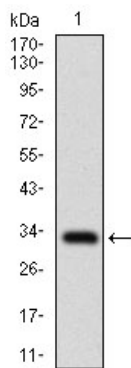
Description

Product Name	FATP2 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A9-B3
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	ACSVL1 antibody FACVL1 antibody FATP 2 antibody FATP-2 antibody FATP2 antibody Fatty acid coenzyme A ligase, very long chain 1 antibody Fatty acid transport protein 2 antibody Fatty-acid-coenzyme A ligase antibody hFACVL1 antibody HsT17226 antibody Long chain fatty acid CoA ligase antibody Long-chain-fatty-acid--CoA ligase antibody S27A2_HUMAN antibody Slc27a2 antibody Solute carrier family 27 (fatty acid transporter), member 2 antibody Solute carrier family 27 member 2 antibody THCA CoA ligase antibody THCA-CoA ligase antibody Very long chain acyl CoA synthetase antibody Very long chain fatty acid CoA ligase antibody Very long chain fatty acid coenzyme A ligase 1 antibody very long-chain 1 antibody Very long-chain acyl-CoA synthetase antibody Very long-chain-fatty-acid-CoA ligase antibody VLACS antibody VLCS antibody
Accession No.	Swiss-Prot#:O14975
Uniprot	O14975
GeneID	11001;
Calculated MW	70 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

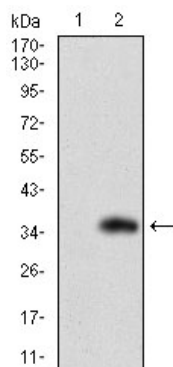
Application Details

WB: 1:500-1:2,000 IHC: 1:100-1:200

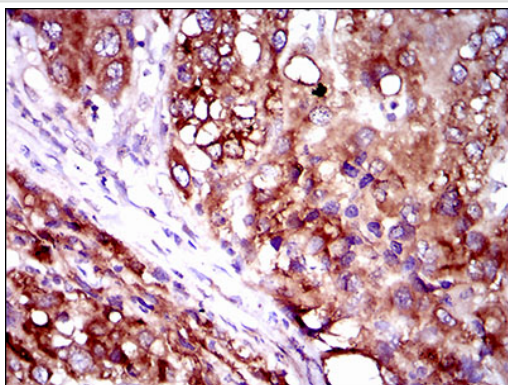
Images



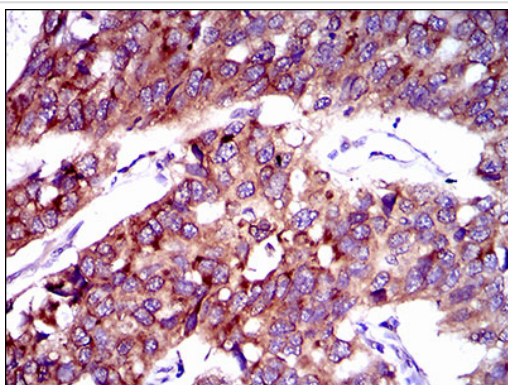
Western blot analysis of FATP2 on human FATP2 recombinant protein using anti- FATP2 antibody at 1/1,000 dilution.



Western blot analysis of FATP2 on HEK293 (1) and FATP2-hlgGfc transfected HEK293 (2) cell lysate using anti-FATP2 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-FATP2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissue using anti- FATP2 antibody. Counter stained with hematoxylin.

Background

Acyl-CoA synthetase probably involved in bile acid metabolism. Proposed to activate C27 precursors of bile acids to their CoA thioesters derivatives before side chain cleavage via peroxisomal beta-oxidation occurs. In vitro, activates 3- α ,7- α ,12- α -trihydroxy-5- β -cholestanate (THCA), the C27 precursor of cholic acid deriving from the de novo synthesis from cholesterol. Does not utilize C24 bile acids as substrates. In vitro, also activates long- and branched-chain fatty acids and may have additional roles in fatty acid metabolism. May be involved in translocation of long-chain fatty acids (LFCA) across membranes.

References

Note: This product is for in vitro research use only