

Anti-FATP5 Antibody

Catalog #	Source	Reactivity	Applications
CPA3388	Rabbit	H	WB, IH, IF/IC
Description	Rabbit polyclonal antibody to FATP5		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FATP5. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of FATP5 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)		
Gene Symbol	SLC27A5		
Alternative Names	ACSB; ACSVL6; FACVL3; FATP5; Bile acyl-CoA synthetase; BACS; Bile acid-CoA ligase; BA-CoA ligase; BAL; Cholate--CoA ligase; Fatty acid transport protein 5; FATP-5; Fatty-acid-coenzyme A ligase, very long-chain 3; Solute carrier family 27 member 5; Very long-chain acyl-CoA synthetase homolog 2; VLCS-H2; VLCSH2; Very long-chain acyl-CoA synthetase-related protein; VLACS-related; VLACSR		
Entrez Gene	10998 (Human)		
SwissProt	Q9Y2P5 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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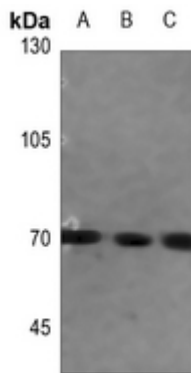
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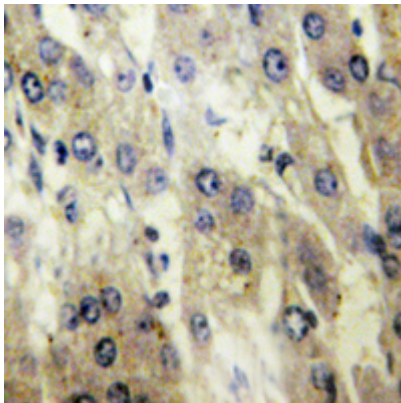
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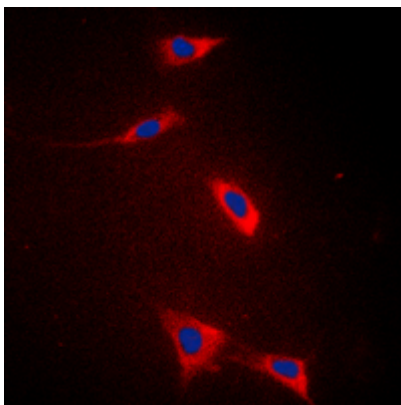
Product Data Sheet



Western blot analysis of FATP5 expression in MCF7 (A), U2OS (B), DLD (C) whole cell lysates. (Predicted band size: 75 kD; Observed band size: 70 kD)



Immunohistochemical analysis of FATP5 staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of FATP5 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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