



ACOT6 polyclonal antibody

Catalog: BS33613

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Acyl-coenzyme A thioesterase 6: Catalyzes the hydrolysis of acyl-CoAs into free fatty acids and coenzyme A (CoASH), regulating their respective intracellular levels. Catalyzes the hydrolysis of phytanoyl-CoA and pristanoyl-CoA, two methyl-branched fatty acids derived from phytol, that enter the body via the diet

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~46.8 kDa

Swiss-Prot:

Q3I5F7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of ACOT6 protein

DATA:

Western blot analysis of KSP Cadherin expression in A431 (A), Jurkat (B) whole cell lysates.

Immunohistochemical analysis of KSP Cadherin staining in human kidney 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 KSP Cadherin staining in A431 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 an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Flow cytometric analysis of A431 cells using Anti-KSP Cadherin Antibody (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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