

Anti-ACBD6 Antibody

Rabbit polyclonal antibody to ACBD6 Catalog # AP60748

Product Information

ApplicationWB, IHCPrimary AccessionQ9BR61Other AccessionQ9D061

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 31151

Additional Information

Gene ID 84320

Other Names Acyl-CoA-binding domain-containing protein 6

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human ACBD6. The exact sequence is proprietary.

Dilution WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC

(1/100 - 1/200)

Format Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name ACBD6

Function Binds long-chain acyl-coenzyme A molecules with a strong preference for

unsaturated C18:1-CoA, lower affinity for unsaturated C20:4-CoA, and very weak affinity for saturated C16:0-CoA. Does not bind fatty acids. Plays a role

in protein N-myristoylation (PubMed: <u>37951597</u>).

Cellular Location Cytoplasm. Nucleus

Tissue Location Detected in placenta and spleen (at protein level). Detected in placenta,

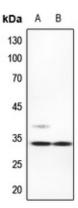
umbilical cord blood, CD34-positive hematopoietic progenitor cells and bone

marrow.

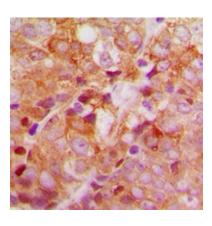
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ACBD6. The exact sequence is proprietary.

Images



Western blot analysis of ACBD6 expression in mouse lung (A), mouse liver (B) whole cell lysates.



Immunohistochemical analysis of ACBD6 staining in human breast cancer 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.

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