

PACO51294

Product Information

Size:

50ug

Reactivity:

Human, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000,
IHC:1:20-1:200

Protein Background:

Has greatest activity toward short branched chain acyl-CoA derivative such as (s)-2-methylbutyryl-CoA, isobutyryl-CoA, and 2-methylhexanoyl-CoA as well as toward short straight chain acyl-CoAs such as butyryl-CoA and hexanoyl-CoA. Can use valproyl-CoA as substrate and may play a role in controlling the metabolic flux of valproic acid, in the development of toxicity of this agent.

Gene ID:

ACADSB

Uniprot

P45954

Synonyms:

Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial (SBCAD) (EC 1.3.8.5) (2-methyl branched chain acyl-CoA dehydrogenase) (2-MEBCAD) (2-methylbutyryl-coenzyme A dehydrogenase) (2-methylbutyryl-CoA dehydrogenase), ACADSB

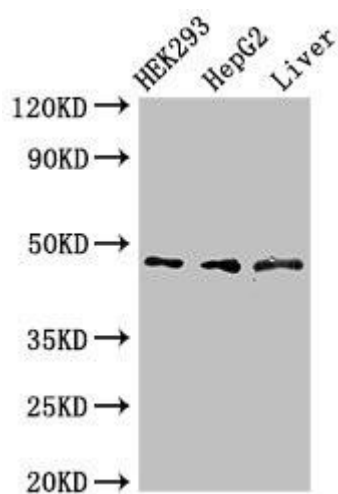
Immunogen:

Recombinant Human Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial protein (34-253AA).

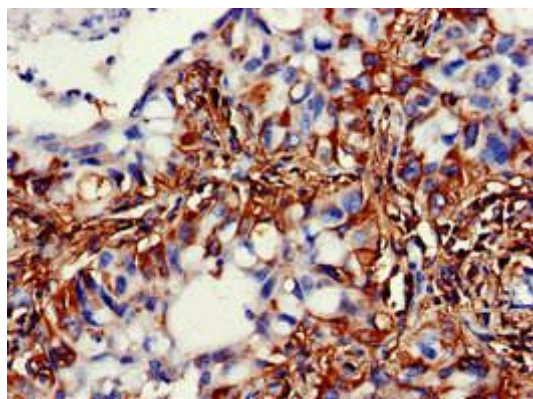
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in: HEK293 whole cell lysate, HepG2 whole cell lysate, Rat liver tissue. All lanes: ACADSB antibody at 3 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 48, 37 kDa. Observed band size: 48 kDa.



Immunohistochemistry of paraffin-embedded human lung cancer using PACO51294 at dilution of 1:100.