

Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial Polyclonal Antibody

Catalog No: #42285

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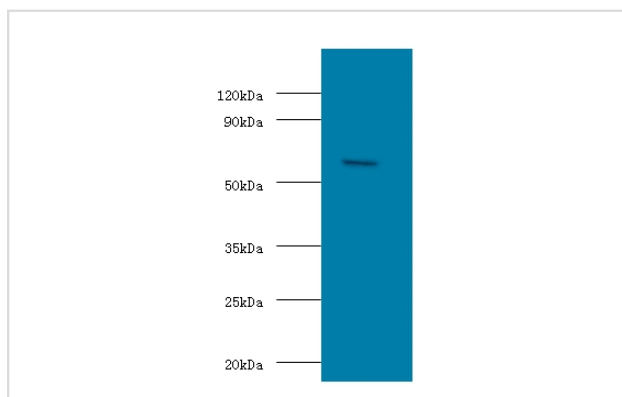
Description

Product Name	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial polyclonal antibody.
Immunogen Description	Recombinant human Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial protein
Target Name	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondr
Other Names	3-oxoacid CoA-transferase 1 Somatic-type succinyl-CoA:3-oxoacid CoA-transferase OXCT1 OXCT, SCOT
Accession No.	Swiss-Prot#: P55809
Uniprot	P55809
GenID	5019;
Calculated MW	56kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:1000

Images



All lanes: Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial antibody at 2ug/ml+Hela whole cell lysate
 Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size: 56KDa
 Observed band size: 56KDa

Background

Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate.

References

[1] "Succinyl CoA:3-oxoacid CoA transferase (SCOT): human cDNA cloning, human chromosomal mapping to 5p13, and mutation detection in a SCOT-deficient patient." Kassojska-Bratinova S., Fukao T., Song X.-Q., Duncan A.M.V., Chen H.S., Robert M.-F.,

Note: This product is for in vitro research use only