

IHCeasy[®] ACADS Ready-To-Use IHC Kit

Catalog Number: **KHC3189**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Rabbit Polyclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

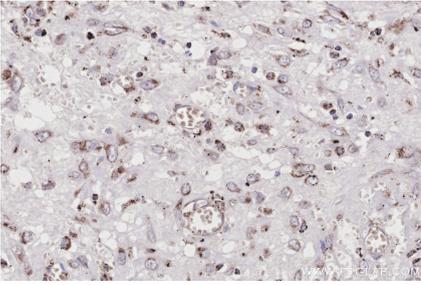
Background

ACADS is also named as SCAD (Short-chain specific acyl-CoA dehydrogenase, mitochondrial) and belongs to the acyl-CoA dehydrogenase family. It is a tetrameric mitochondrial flavoprotein. It is synthesized as a 44 kDa precursor, transported into mitochondria, and proteolytically processed to its 41 kDa mature form. Acyl-CoA dehydrogenases (ACADs) are a family of flavoproteins that are involved in the β -oxidation of the fatty acyl-CoA derivatives.

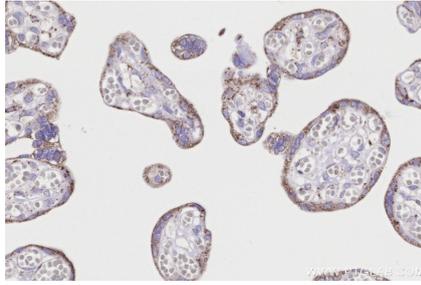
Synonyms

SCAD, ACAD3, Butyryl-CoA dehydrogenase, EC:1.3.8.1, Short-chain specific acyl-CoA dehydrogenase, mitochondrial

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3189 (ACADS IHC Kit).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3189 (ACADS IHC Kit).