

ACADS Antibody

Catalog No: #36017

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Description

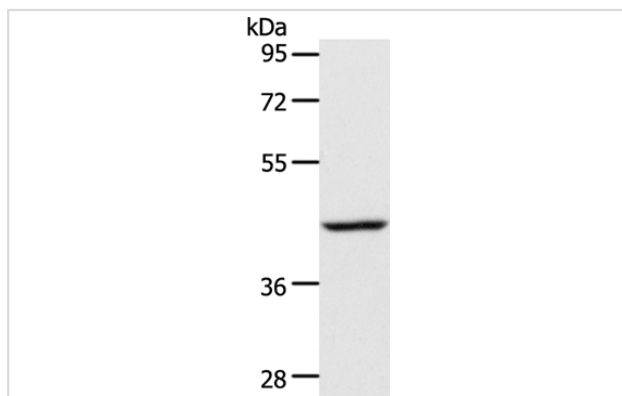
Product Name	ACADS Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACADS protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human Acyl-CoA dehydrogenase, C-2 to C-3 short chain
Target Name	ACADS
Other Names	SCAD; ACAD3
Accession No.	Swiss-Prot#: P16219NCBI Gene ID: 35Gene Accsion: BC025963
Uniprot	P16219
GeneID	35;
SDS-PAGE MW	44kd
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

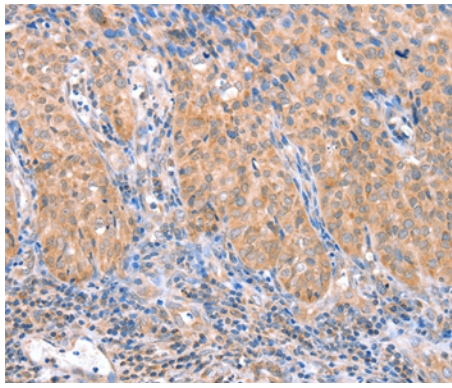
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE
 Lysates (from left to right): Rat kidney tissue
 Amount of lysate: 40ug per lane
 Primary antibody: 1/350 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 90 seconds



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36017 at dilution 1/15.

Background

This gene encodes a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. It is an autosomal recessive disorder resulting in acute acidosis and muscle weakness in infants, and a form of lipid-storage myopathy in adults.

Note: This product is for in vitro research use only