

Rabbit anti-Human ACAD9 Polyclonal Antibody | anti-ACAD9 antibody

ACAD9 Antibody

CATALOG # AAA118804	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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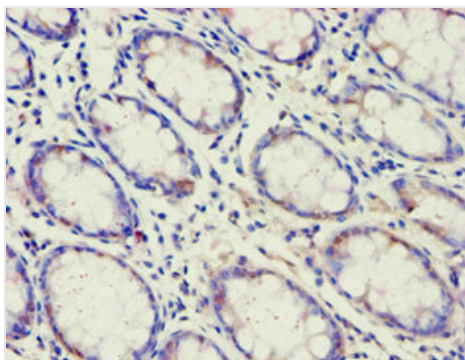
PRODUCT SYNONYMS

ACAD9; Polyclonal Antibody; ACAD9 Antibody; ACAD-9; anti-ACAD9 antibody

PRODUCT SPECIFICATIONS

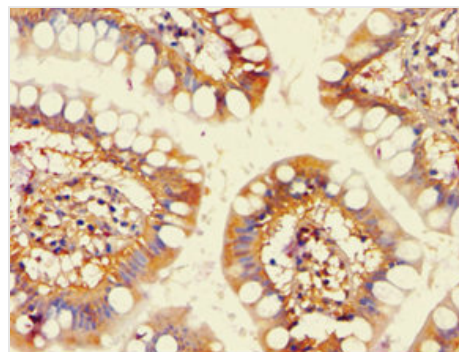
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	621
Applicable Applications for anti-ACAD9 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Acyl-CoA dehydrogenase family member 9, mitochondrial protein (1-270aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-135148
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



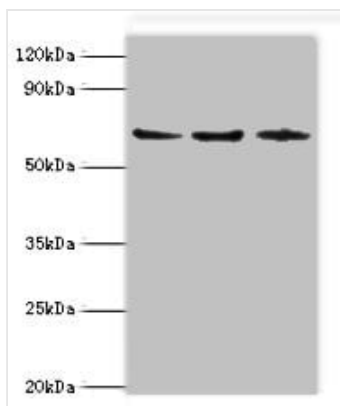
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer tissue using AAA118804 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA118804 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ACAD9 antibody at 6ug/mlLane 1:MCF-7 whole cell lysateLane 2:293T whole cell lysateLane 3:K562 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 69kDaObserved band size: 69kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACAD9 antibody

Required for mitochondrial complex I assembly (PubMed:20816094, PubMed:24158852). Has a dehydrogenase activity on palmitoyl-CoA (C16:0) and stearoyl-CoA (C18:0). It is three times more active on palmitoyl-CoA than on stearoyl-CoA. However, it does not play a primary role in long-chain fatty acid oxidation in vivo (PubMed:20816094, PubMed:24158852). Has little activity on octanoyl-CoA (C8:0), butyryl-CoA (C4:0) or isovaleryl-CoA (5:0).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361497
NCBI GeneID	28976
NCBI Accession #	NP_054768.2
NCBI GenBank Nucleotide #	NM_014049.4
UniProt Accession #	Q9H845; Q8WXX3; D3DNB8
Molecular Weight	68,760 Da
NCBI Official Full Name	acyl-CoA dehydrogenase family member 9, mitochondrial
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase family member 9
NCBI Official Symbol	ACAD9
NCBI Official Synonym Symbols	NPD002
NCBI Protein Information	acyl-CoA dehydrogenase family member 9, mitochondrial
UniProt Protein Name	Acyl-CoA dehydrogenase family member 9, mitochondrial
UniProt Gene Name	ACAD9
UniProt Synonym Gene Names	ACAD-9
UniProt Entry Name	ACAD9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/acad9-antibody-immunohistochemistry-western-blot-elisa/118804>