

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

ACAD9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233452	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

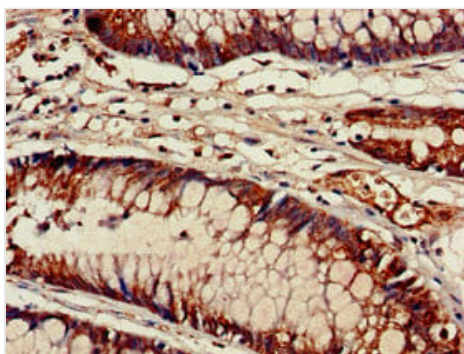
PRODUCT SYNONYMS

ACAD9; Polyclonal Antibody; ACAD9 Antibody; Acyl-CoA dehydrogenase family member 9; mitochondrial; ACAD-9; anti-ACAD9 antibody

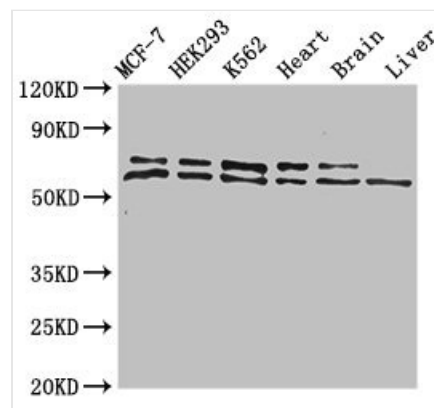
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	621
Applicable Applications for anti-ACAD9 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Acyl-CoA dehydrogenase family member 9, mitochondrial protein (1-270A)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
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 using AAA233452 at dilution of 1:100


WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, HEK293 whole cell lysate, K562 whole cell lysate, Mouse heart tissue, Mouse brain tissue, Mouse liver tissue. All lanes: ACAD9 antibody at 1 µg/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 69 kDa. Observed band size: 69,70 kDa.

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).
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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

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/233452>