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Datasheet for ABIN7143195
anti-ACAD9 antibody (AA 1-270) (HRP)

Overview

Quantity:	100 µg
Target:	ACAD9
Binding Specificity:	AA 1-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAD9 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Acyl-CoA dehydrogenase family member 9, mitochondrial protein (1-270AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ACAD9
Alternative Name:	ACAD9 (ACAD9 Products)
Background:	Background: Required for mitochondrial complex I assembly (PubMed:20816094,

Target Details

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).

Aliases: ACAD9Complex I assembly factor ACAD9 antibody, mitochondrial antibody, Acyl-CoA dehydrogenase family member 9 antibody, ACAD-9 antibody, EC 1.3.8.- antibody

UniProt: [Q9H845](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.