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Datasheet for ABIN7111261 anti-ACAD9 antibody

Overview

Quantity:	100 µg
Target:	ACAD9
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAD9 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	acyl-Coenzyme A dehydrogenase family, member 9
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ACAD9
Alternative Name:	ACAD9 (ACAD9 Products)
Background:	Synonyms:ACAD 9, ACAD9 Background: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

Target Details

vivo(PubMed:20816094, PubMed:24158852). Has little activity on octanoyl-CoA(C8:0), butyryl-CoA(C4:0) or isovaleryl-CoA(5:0).

Molecular Weight: 69 kDa

Gene ID: 28976

UniProt: [Q9H845](#)

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

Application Details

Application Notes: WB: 1:200-1:2000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months