

For Research Use Only

ACAD9 Recombinant antibody

Catalog Number: 84202-1-RR



Basic Information

Catalog Number: 84202-1-RR	GenBank Accession Number: BC007970	Purification Method: Protein A purification
Size: 800 µg/ml	GeneID (NCBI): 28976	CloneNo.: 241015B3
Source: Rabbit	UNIPROT ID: Q9H845	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: acyl-Coenzyme A dehydrogenase family, member 9	
Immunogen Catalog Number: AG8414	Calculated MW: 69 kDa	
	Observed MW: 60-65 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293T cells, MCF-7 cells, mouse heart tissue, mouse brain tissue, mouse liver tissue, rat liver tissue
Species Specificity: human, mouse, rat	

Background Information

Acyl-CoA dehydrogenases (ACADs) are a family of mitochondrial enzymes catalyzing the initial rate-limiting step in the β -oxidation of fatty acyl-CoA. ACAD9 belongs to the group of ACADs. The deduced 621-amino acid protein has a calculated molecular mass of 68.8 kD. It has an N-terminal leader sequence, 2 conserved motifs shared by all ACAD family members, and a potential N-glycosylation site (PMID:12359260). Defects in ACAD9 are a cause of acyl-CoA dehydrogenase family member type 9 deficiency (ACAD9 deficiency).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84202-1-RR (ACAD9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.