

Datasheet for ABIN7128148

**anti-ACAD11 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	ACAD11
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACAD11 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	Fusion protein of Human ACAD11
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Antigen affinity purification

## Target Details

Target:	ACAD11
Alternative Name:	ACAD11 ( <a href="#">ACAD11 Products</a> )
Background:	Background: The deduced full-length ACAD11 protein contains an N-terminal aminoglycoside phosphotransferase domain, followed by a mitochondria localization signal and ACAD N-terminal, middle, and C-terminal domains. It also has a glycosylation site and a C-terminal peroxisome-targeting signal. The ACAD domain contains a catalytic aspartate rather than the

## Target Details

catalytic glutamate found in most other ACADs. Real-time RT-PCR detected variable ACAD11 expression in all tissues examined, with highest expression in adult brain, followed by heart, liver, spinal cord, and kidney. Western blot analysis of fractionated human cerebellum and kidney revealed that ACAD11 associated with mitochondrial membranes, but not mitochondrial matrix. Immunohistochemical analysis showed that ACAD11 colocalized with a mitochondrial marker in human neuroblastoma cells.

Aliases: 5730439E10Rik antibody, 62113 protein antibody, ACAD 11 antibody, ACAD-11 antibody, Acad11 antibody, ACD11\_HUMAN antibody, Acyl CoA dehydrogenase family member 11 antibody, Acyl Coenzyme A dehydrogenase family member 11 antibody, Acyl-CoA dehydrogenase family member 11 antibody, AI987948 antibody, FLJ12592 antibody, MGC150619 antibody, Putative acyl CoA dehydrogenase antibody, RGD1306270 antibody

UniProt: [Q709F0](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: ELISA:1:1000-1:2000, WB:1:200-1:1000,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

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, -80 °C

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



#### Western Blotting

**Image 1.** Gel: 8 % SDS-PAGE, Lysate: 40 µg, Lane: Human fetal liver tissue, Primary antibody: ABIN7128148(ACAD11 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute