

**ACAD11 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9724b****Specification**

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**ACAD11 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q709F0](#)**ACAD11 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 84129**Other Names**

Acyl-CoA dehydrogenase family member 11, ACAD-11, 1399-, ACAD11

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ACAD11 Antibody (C-term) Blocking Peptide - Protein Information****Name** ACAD11**Function**

Acyl-CoA dehydrogenase, that exhibits maximal activity towards saturated C22-CoA (PubMed:&lt;a href="http://www.uniprot.org/citations/21237683" target="\_blank"&gt;21237683&lt;/a&gt;). Probably participates in beta-oxydation and energy production but could also play a role in the metabolism of specific fatty acids to control fatty acids composition of cellular lipids in brain (Probable).

**Cellular Location**

Peroxisome {ECO:0000250|UniProtKB:Q80XL6}. Mitochondrion membrane. Note=Has been detected associated with mitochondrial membrane, but no matrix, in kidney and cerebellum, as well as in a neuroblastoma cell line, but not in skin fibroblasts, where it is observed in cytoplasmic vesicles (PubMed:21237683). No mitochondrial targeting signals could be predicted for any known isoform, including a putative isoform starting at Met-316.

**Tissue Location**

Widely expressed with highest levels in brain followed by liver, heart and kidney.

**ACAD11 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **ACAD11 Antibody (C-term) Blocking Peptide - Images**

#### **ACAD11 Antibody (C-term) Blocking Peptide - Background**

ACAD11 may function as oxidoreductase (Probable).

#### **ACAD11 Antibody (C-term) Blocking Peptide - References**

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Kikuchi, M., et al. J. Biol. Chem. 279(1):421-428(2004) Ohara, O., et al. DNA Res. 9(2):47-57(2002)