

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

ACAD11 Antibody (C-term) Blocking Peptide - Product InformationPrimary 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:21237683). 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)