

**ACD10 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10806c****Specification**

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**ACD10 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [Q6JQN1](#)

**ACD10 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 80724

**Other Names**

Acyl-CoA dehydrogenase family member 10, ACAD-10, 1399-, ACAD10

**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.

**ACD10 Antibody (Center) Blocking peptide - Protein Information**

**Name** ACAD10

**Function**

Acyl-CoA dehydrogenase only active with R- and S-2-methyl- C15-CoA.

**Tissue Location**

Widely expressed with highest expression in fetal brain, followed by heart, muscle, kidney and adult brain. Expression levels varying from isoform to isoform.

**ACD10 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**ACD10 Antibody (Center) Blocking peptide - Images****ACD10 Antibody (Center) Blocking peptide - Background**

This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes (ACADs), which

participate in the beta-oxidation of fatty acids in mitochondria. The encoded enzyme contains a hydrolase domain at the N-terminal portion, a serine/threonine protein kinase catalytic domain in the central region, and a conserved ACAD domain at the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

#### **ACD10 Antibody (Center) Blocking peptide - References**

Bian, L., et al. Diabetologia 53(7):1349-1353(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Vega, A., et al. Gynecol. Oncol. 112(1):210-214(2009) Ye, X., et al. Mol. Biol. Rep. 31(3):191-195(2004) Sogayar, M.C., et al. Genome Res. 14(7):1413-1423(2004)