

## **ACOD** rabbit pAb

Cat No.: ES11937

For research use only

## Overview

Product Name ACOD rabbit pAb

Host species Rabbit
Applications WB;ELISA

**Species Cross-Reactivity** Human;Rat;Mouse;

Recommended dilutions WB 1:500-2000 ELISA 1:5000-20000

Immunogen Synthesized peptide derived from part region of

human protein

**Specificity** ACOD Polyclonal Antibody detects endogenous

levels of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

**Protein Name** Acyl-CoA desaturase (EC 1.14.19.1)

(Delta(9)-desaturase) (Delta-9 desaturase) (Fatty

acid desaturase) (Stearoyl-CoA desaturase)

Gene Name SCD

**Cellular localization** Endoplasmic reticulum membrane ; Multi-pass

membrane protein.

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

ClonalityPolyclonalConcentration1 mg/mlObserved band39kDHuman Gene ID6319Human Swiss-Prot Number000767

**Alternative Names** 

Background This gene encodes an enzyme involved in fatty acid

biosynthesis, primarily the synthesis of oleic acid. The protein belongs to the fatty acid desaturase family and is an integral membrane protein located

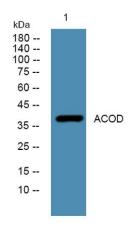
in the endoplasmic reticulum. Transcripts of approximately 3.9 and 5.2 kb, differing only by



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alternative polyadenlyation signals, have been detected. A gene encoding a similar enzyme is located on chromosome 4 and a pseudogene of this gene is located on chromosome 17. [provided by RefSeq, Sep 2015],

Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night



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