

## FADS1 Antibody

*FADS1, fatty acid desaturase 1, D5D, FADS6, FADSD5, FLJ38956, FLJ90273, LLCDL1, TU12, delta-5 desaturase, delta-5 fatty acid desaturase, linoleoyl-CoA desaturase (delta-6-desaturase)-like 1*

**CATALOG NO.: 45-565**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

FADS1 Antibody.

**SOURCE:**

FADS1 antibody was raised against a synthetic peptide of FADS1.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_037534.2

**SPECIES REACTIVITY:**

Human, Mouse, Rat, Dog

**TESTED APPLICATION:**

WB, E

**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:128,000.  
Western Blot: Approx 50kDa band observed in Human Liver and Lung lysates (calculated MW of 51.9kDa according to NP\_037534.2). Recommended concentration: 0.3-1µg/ml.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of FADS1 in Human Lung lysate (35µg protein in RIPA buffer) using FADS1 antibody (0.3µg/ml).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Cho HP, Nakamura M, Clarke SD. Cloning, expression, and fatty acid regulation of the human delta-5 desaturase. J Biol Chem. 1999 Dec 24;274(52):37335-9.

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.