

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB07568 - Goat Anti-FADS1 Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

Principal Names: 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

Official Symbol: FADS1

Accession Number(s): NP\_037534.3

Human GeneID(s): 3992

Non-Human GenelD(s): 76267 (mouse), 84575 (rat)

## **Immunogen**

Peptide with sequence C-QPSFEPTKNKELTDE, from the internal region of the protein sequence according to NP\_037534.3.

Please note the peptide is available for sale.

## **Purification and Storage**

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:128000.

**Western blot:** Approx 50kDa band observed in Human Lung lysates (calculated MW of 51.9kDa according to NP\_037534.2). Recommended concentration: 0.3-1µg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB07568 (0.3 $\mu$ g/ml) staining of Human Lung lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.