

## UK Office

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**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 GeneID(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

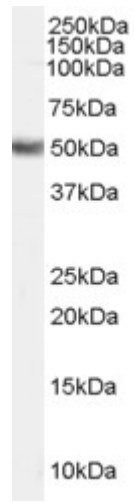
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**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.