

# FADS3 Rabbit Polyclonal Antibody



CAB3947

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## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

55kDa

**Calculated MW:**

51kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse, Rat

## Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

## Protein Background

The protein encoded by this gene is a member of the fatty acid desaturase (FADS) gene family. Desaturase enzymes regulate unsaturation of fatty acids through the introduction of double bonds between defined carbons of the fatty acyl chain. FADS family members are considered fusion products composed of an N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs. This gene is clustered with family members FADS1 and FADS2 at 11q12-q13.1; this cluster is thought to have arisen evolutionarily from gene duplication based on its similar exon/intron organization.

## Immunogen information

**Gene ID:**

3995

**Uniprot**

Q9Y5Q0

**Synonyms:**

FADS3; CYB5RP; LLCDL3

**Immunogen:**

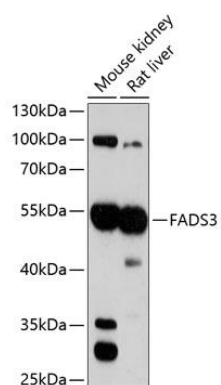
Recombinant fusion protein containing a sequence corresponding to amino acids 1-130 of human FADS3 (NP\_068373.1).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using FADS3 antibody (CAB3947) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.