

Datasheet for ABIN190888
anti-FADS1 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FADS1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FADS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	FADS1
Immunogen:	Peptide with sequence C-QPSFEPTKNKELTDE, from the internal region of the protein sequence according to NP_037534.3.
Sequence:	QPSFEPTKNK ELTDE
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FADS1
Alternative Name:	FADS1 (FADS1 Products)
Background:	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
Gene ID:	3992, 76267, 84575
NCBI Accession:	NP_037534
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Western Blot: Approx 50 kDa band observed in Human Lung lysates (calculated MW of 51.9 kDa according to NP_037534.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Image 1. ABIN190888 (0.3µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.