

Datasheet for ABIN1537139
anti-FADS3 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	FADS3
Binding Specificity:	AA 328-355, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FADS3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FADS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 328-355 amino acids from the C-terminal region of human FADS3.
Clone:	RB38231
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FADS3
Alternative Name:	FADS3 (FADS3 Products)

Target Details

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.

Molecular Weight: 51145

Gene ID: 3995

NCBI Accession: [NP_068373](#)

UniProt: [Q9Y5Q0](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

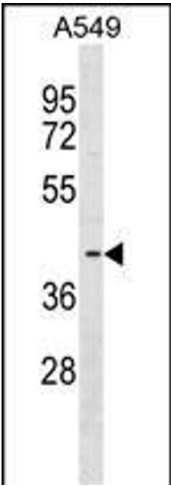
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: FADS3 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. FADS3 Antibody (C-term) (ABIN1537139 and ABIN2849768) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the FADS3 antibody detected the FADS3 protein (arrow).