

Datasheet for ABIN635584

anti-FADS1 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	FADS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FADS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	FADS1 antibody was raised using the N terminal of FADS1 corresponding to a region with amino acids RHPGGSRVISHYAGQDATDPFVAFHINKGLVKKYMNSELLIGELSPEQPSF
Specificity:	FADS1 antibody was raised against the N terminal of FADS1
Purification:	Affinity purified

Target Details

Target:	FADS1
Alternative Name:	FADS1 (FADS1 Products)
Background:	FADS1 is a member of the fatty acid desaturase (FADS) 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

Target Details

	N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs.
Molecular Weight:	52 kDa (MW of target protein)
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	FADS1 Blocking Peptide, catalog no. 33R-7954, is also available for use as a blocking control in assays to test for specificity of this FADS1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FADS1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. FADS1 antibody used at 1 ug/ml to detect target protein.