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Datasheet for ABIN1498179  
**anti-FADS1 antibody (AA 247-444)**

2 Images

Overview

Quantity:	100 µL
Target:	FADS1
Binding Specificity:	AA 247-444
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FADS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant fragment corresponding to a region within amino acids 247 and 444 of FADS1 (SwissProt O60427). Percent identity by BLAST analysis: Human (100%), Mouse, Porcine (88%), Rat (87%).  Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Human FADS1
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Porcine (88%) Rat (87%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	FADS1
Alternative Name:	FADS1 ( <a href="#">FADS1 Products</a> )
Background:	Name/Gene ID: FADS1  Synonyms: FADS1, D5D, Delta-5 fatty acid desaturase, Delta(5) fatty acid desaturase, Delta-5 desaturase, Fatty acid desaturase 1, FADSD5, LLCDL1, Delta(5) desaturase, TU12
Gene ID:	3992
UniProt:	<a href="#">O60427</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

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Application Notes:	Approved: IHC, IHC-P (1:100 - 1:1000), WB (1:500 - 1:3000)  Usage: Suggested starting dilutions are as follows: Western blot: 1:500-1:3000, IHC-Paraffin: 1:100-1:1000 [suggested antigen retrieval using heat mediated 10 mM Citrate buffer ( pH 6.0) or Tris-EDTA buffer ( pH 8.0)]. Not yet tested in other applications. Optimal working dilutions should be determined experimentally by the end user.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7, 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Aliquot and freeze at -20°C. Avoid freeze-thaw cycles.

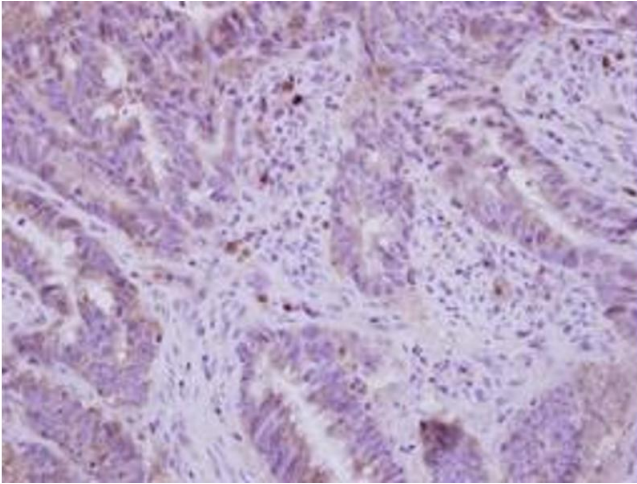


Image 1.

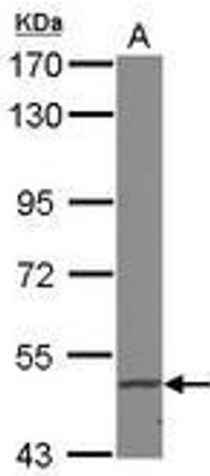


Image 2.