

Datasheet: VPA00098

BATCH NUMBER 200115

Description:	GOAT ANTI FADS1
Specificity:	FADS1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Goat polyclonal antibody purified by affinity chromatography.

Buffer Solution

TRIS buffered saline

Preservative Stabilisers

0.02% Sodium Azide (NaN₃) 0.5 % BSA

Immunogen Peptide with the sequence C-QPSFEPTKNKELTDE from the internal region of the protein

External Database

Links

UniProt:

[O60427](#) [Related reagents](#)

Entrez Gene:

[3992](#) FADS1 [Related reagents](#)

Synonyms

FADSD5

Specificity

Goat anti Human FADS1 antibody recognizes the fatty acid desaturase 1, also known as delta(5) fatty acid desaturase, D5D, delta(5) desaturase and delta-5 desaturase.

The protein encoded by FADS1 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. FADS1 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 (provided by RefSeq, Jul 2008).

Goat anti Human FADS1 antibody detects a band of 52 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti FADS1 detects a band of approximately 52 kDa in Jurkat cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10058 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00098>
Antibody (10058)

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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