

Datasheet: VPA00266

Description:	RABBIT ANTI FATTY ACID SYNTHASE
Specificity:	FATTY ACID SYNTHASE
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
Product Form	Ig fraction - liquid
Preparation	Rabbit Ig fraction prepared by ammonium sulphate precipitation.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Approx. Protein Concentrations	Ig concentration 0.5 mg/ml.
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 942-973 of human fatty acid synthase
External Database Links	UniProt:

[P49327](#) [Related reagents](#)

Entrez Gene:

[2194](#) FASN [Related reagents](#)

Synonyms FAS

Specificity **Rabbit anti Human fatty acid synthase antibody** recognizes fatty acid synthase, also known as FASN, FAS and short chain dehydrogenase/reductase family 27X, member 1.

The enzyme encoded by the fatty acid synthase gene is a multifunctional protein. Its main function is to catalyze the synthesis of palmitate from acetyl-CoA and malonyl-CoA, in the presence of NADPH, into long-chain saturated fatty acids. In some cancer cell lines, this protein has been found to be fused with estrogen receptor-alpha (ER-alpha), in which the N-terminus of FAS is fused in-frame with the C-terminus of ER-alpha (provided by RefSeq, Jul 2008).

Rabbit anti Human fatty acid synthase antibody detects a band of 273 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti fatty acid synthase detects a band of approximately 273 kDa in Raji 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 #10040 available at: Antibody (10040): <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [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](https://www.bio-rad-antibodies.com/datasheets)

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