

Datasheet: VPA00266

**BATCH NUMBER 160425**

<b>Description:</b>	RABBIT ANTI FATTY ACID SYNTHASE
<b>Specificity:</b>	FATTY ACID SYNTHASE
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Ig fraction - liquid
<b>Preparation</b>	Rabbit Ig fraction prepared by ammonium sulphate precipitation
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Ig concentration 0.5 mg/ml
<b>Immunogen</b>	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](#)

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**Synonyms**      FAS

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**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.

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**Western Blotting**      Anti fatty acid synthase detects a band of approximately 273 kDa in Raji cell lysate

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

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**Guarantee**      12 months from date of despatch

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**Acknowledgements**      PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety  
Information**      Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00266>  
Antibody (10040)

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**Regulatory**      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

**North & South**      Tel: +1 800 265 7376

**America**      Fax: +1 919 878 3751

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    Fax: +44 (0)1865 852 739

    Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

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    Fax: +49 (0) 89 8090 95 50

    Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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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