

## Datasheet: AHP2836

<b>Description:</b>	GOAT ANTI GUINEA PIG TNF ALPHA
<b>Specificity:</b>	TNF ALPHA
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

### 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
ELISA	▪			1.0 ug/ml - 5.0 ug/ml
Western Blotting	▪			0.1 ug/ml - 2.0 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Guinea Pig
-----------------------	------------

<b>Product Form</b>	Purified IgG - liquid
---------------------	-----------------------

<b>Antiserum Preparation</b>	Antiserum to guinea pig TNF alpha was raised by repeated immunization of goat with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
------------------------------	--

<b>Buffer Solution</b>	Phosphate buffered saline
------------------------	---------------------------

<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
---------------------------------	--

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
---------------------------------------	-----------------------------

<b>Immunogen</b>	Recombinant guinea pig TNF ALPHA
------------------	----------------------------------

**External Database****Links****UniProt:**[P51435](#)[Related reagents](#)**Entrez Gene:**[100135630](#)

Tnf

[Related reagents](#)**Synonyms**

TNFA, TNFSF2

**Specificity**

**Rabbit anti Guinea Pig TNF alpha** recognizes guinea pig tumor necrosis factor (TNF) alpha regulatory cytokine, also known as a TNFSF2.

TNF alpha is produced by activated macrophages, monocytes, endothelial cells, fibroblast and both T and B lymphocytes. TNF alpha functions in the regulation of immune cells, is able to induce fever, apoptotic cell death, sepsis, cachexia, inflammation and to inhibit tumorigenesis and viral replication.

**ELISA**

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2836B](#) as the detection reagent. [PGP001](#) may be used as a standard.

**Storage**

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

12 months from date of despatch

**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2836>  
10040

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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

Fax: +1 919 878 3751

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

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

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

**Europe**

Tel: +49 (0) 89 8090 95 21

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)

'M428207:240301'

Printed on 01 Mar 2024