

Datasheet: AHP2836

**BATCH NUMBER 160451**

<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.

**Target Species** Guinea Pig

**Product Form** Purified IgG - liquid

**Antiserum Preparation** 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.

**Buffer Solution** Phosphate buffered saline

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

**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml

**Immunogen** 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](#)

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