

## Datasheet: AHP2835

<b>Description:</b>	RABBIT ANTI CAT 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

Cat

### Species Cross Reactivity

Reacts with: Dog

**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

### Antiserum Preparation

Antiserum to cat TNF alpha was raised by repeated immunization of rabbit 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

IgG concentration 1.0 mg/ml

## Concentrations

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Immunogen	Recombinant cat TNF ALPHA
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## External Database Links

### UniProt:

[A0A0U5EMB8](#)

[Related reagents](#)

## Specificity

**Rabbit anti Cat TNF alpha** recognizes cat tumor necrosis factor (TNF) alpha regulatory cytokine, also known as 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 [AHP2835B](#) as the detection reagent. [PFP005](#) may be used as a standard.

## Storage

This product is shipped at ambient temperature.

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/AHP2835>

## Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Product inquiries: [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

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

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