

## Datasheet: AHP2815

<b>Description:</b>	RABBIT ANTI SHEEP 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>	Sheep
<b>Species Cross Reactivity</b>	<p>Reacts with: Goat</p> <p><b>N.B.</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.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to sheep TNF alpha was raised by repeated immunization of rabbit 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

**Immunogen** Recombinant ovine TNF ALPHA

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**External Database Links**

**UniProt:**  
[P23383](#)    [Related reagents](#)

**Entrez Gene:**  
[443540](#)    TNF    [Related reagents](#)

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**Synonyms**    TNFA, TNFSF2

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**Specificity**    **Rabbit anti Sheep TNF alpha** recognizes sheep tumor necrosis factor (TNF) alpha, a 25.5 kDa regulatory cytokine.

TNF alpha is produced by activated macrophages, monocytes, endothelial cells, fibroblast and both T and B lymphocytes. Production of ovine TNF alpha can be induced by a variety of factors, dependant upon cell type, and includes bacterial toxins, IL-1, PDGF, IFN beta, NGF, oncostatin M and viral infections. 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.

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**ELISA**    This product may be used as a capture antibody in a sandwich ELISA together with [AHP2815B](#) as the detection reagent. [PSP005](#) may be used as a standard.

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**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.

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**Guarantee**    12 months from date of despatch

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**Health And Safety Information**    Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**    For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)    [FITC](#)

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

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

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

Sheep Anti Rabbit IgG (STAR36...)    [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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