

Datasheet: AHP2813

**BATCH NUMBER 153893**

<b>Description:</b>	RABBIT ANTI SHEEP INTERLEUKIN-22
<b>Specificity:</b>	IL-22
<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).

	<b>Yes</b>	<b>No</b>	<b>Not Determined</b>	<b>Suggested Dilution</b>
ELISA	▪			0.5 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
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<b>Product Form</b>	Purified IgG - liquid
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<b>Antiserum Preparation</b>	Antiserum to sheep interleukin-22 was raised by repeated immunization of rabbit with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
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<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
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<b>Immunogen</b>	Recombinant ovine IL-22
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**External Database****Links****UniProt:**[H2AKX1](#)[Related reagents](#)**Specificity**

**Rabbit anti Sheep Interleukin-22** recognizes sheep interleukin-22 (IL-22), a 21.4 kDa regulatory cytokine belonging to the IL-10 family.

Sheep IL-22 is produced in a range of cell types that include activated T cells and dendritic cells, subsets of splenic cells and Th17 cells. Ovine IL-22 modulates the inflammatory responses to bacterial pathogens, in particular in epithelial cells of the respiratory and gastrointestinal tracts.

**ELISA**

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2813B](#) as the detection reagent. [PSP007](#) 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/AHP2813>  
10040

**Regulatory**

For research purposes only

## 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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'M373554:200923'

Printed on 18 Jan 2024