

Datasheet: AHP2813

Description:	RABBIT ANTI SHEEP INTERLEUKIN-22
Specificity:	IL-22
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
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.

Target Species	Sheep
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Product Form	Purified IgG - liquid
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Antiserum Preparation	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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Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
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Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
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Immunogen	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:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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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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)

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