

## Datasheet: AHP1820

<b>Description:</b>	GOAT ANTI HUMAN INTERLEUKIN-22 RECEPTOR (N-TERMINAL)
<b>Specificity:</b>	IL-22 RECEPTOR (N-TERMINAL)
<b>Other names:</b>	IL22RA1
<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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			1/150
ELISA	▪			1/50000
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/100

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>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to human IL-22R (NT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

<b>Immunogen</b>	Synthetic peptide DSGPEGTPDTVYSIEYKTYGERDWVAKKG corresponding to amino acids 42-70 within the N-terminal region of human IL-22 receptor.
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## External Database

### Links

#### UniProt:

[Q8N6P7](#)

[Related reagents](#)

#### Entrez Gene:

[58985](#)

IL22RA1

[Related reagents](#)

### Synonyms

IL22R

### RRID

AB\_2295893

### Specificity

**Goat anti Human Interleukin-22 Receptor (N-Terminal) antibody** specifically recognizes an epitope within the N-terminal (NT) region of human interleukin-22 receptor (IL-22R), also known as IL-22R alpha-1 (IL22RA1), a member of the type II cytokine receptor family, which signals via the JAK-STAT signalling pathway.

IL-22R acts as the functional receptor for IL-22, through association with the beta chain of the IL-10R, and as a receptor for IL-20 and IL-24 through association with the beta chain of IL-20R. Binding of IL-22 to functional IL-22R can be blocked by a soluble form of the receptor known as IL22 binding protein (IL22BP).

### Histology Positive Control Tissue

Spleen or tonsil

### Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

### 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/AHP182010040>

### Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

## Recommended Useful Reagents

### ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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://bio-rad-antibodies.com/datasheets)

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