

## Datasheet: AHP2831

<b>Description:</b>	CHICKEN ANTI RABBIT INTERLEUKIN-1 BETA
<b>Specificity:</b>	IL-1 BETA
<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>	Rabbit
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<b>Product Form</b>	Purified IgG - liquid
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<b>Antiserum Preparation</b>	Antiserum to rabbit interleukin-1 beta was raised by repeated immunization of chicken 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 1.0 mg/ml
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<b>Immunogen</b>	Recombinant rabbit IL-1 Beta
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**External Database  
Links**

**UniProt:**

[P14628](#)    [Related reagents](#)

**Entrez Gene:**

[100008990](#) IL1B    [Related reagents](#)

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**Specificity**

**Chicken anti Rabbit Interleukin-1 Beta** recognizes rabbit interleukin-1 (IL-1 beta).

Rabbit IL-1 beta is a proinflammatory cytokine involved in regulation of the immune system including reactions to microbial infections. It induces T cell and B cell activation, promotes Th17 differentiation of T cells, fibroblast proliferation and collagen production.

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**ELISA**

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2831B](#) as the detection reagent. [PRABP016](#) 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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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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