Datasheet: AHP2378B

Product Details

**Description:** GOAT ANTI BOVINE INTERLEUKIN-1RA:Biotin

**Specificity:** IL-1RA

**Format:** Biotin

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 50 µg

### 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).

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>0.01ug/ml - 0.5ug/ml</td>
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<td>Western Blotting</td>
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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:** Bovine

**Product Form:** Purified IgG conjugated to Biotin - liquid

**Antiserum Preparation:** Antisera to bovine interleukin-1RA were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilisers:** 0.09% Sodium Azide (NaN₃)

**Approx. Protein Concentrations:** IgG concentration 1.0 mg/ml

**Immunogen:** Recombinant bovine interleukin-1RA

**External Database Links**

- UniProt: [O77482](https://www.uniprot.org/uniprot/O77482)
- Related reagents
**Entrez Gene:**

281860  IL1RN  Related reagents

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**Specificity**

Goat anti Bovine interleukin-1RA antibody recognizes bovine interleukin-1 receptor antagonist, a 19.93 kDa protein belonging to the IL-1 cytokine family.

Bovine IL-1RA is secreted by several cell types, including epithelial cells and adipocytes. IL-1RA functions by inhibiting the pro-inflammatory effects of both IL-1α and IL-1β.

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**ELISA**

This product may be used as a detection antibody in a sandwich ELISA together with AHP2378 as the capture reagent. Recombinant Bovine interleukin-1RA (PBP033) 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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**Shelf Life**

12 months from date of despatch

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**Health And Safety Information**


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**Regulatory**

For research purposes only

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**Recommended Products**

**Recommended Secondary Antibodies**

STREPTAVIDIN (STAR119...) APC

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