# Datasheet: AHP2376B

**Description:** RABBIT ANTI BOVINE INTERLEUKIN-17A:Biotin

**Specificity:** IL-17A

**Format:** Biotin

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 50 µg

## Product Details

### Applications

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
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<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td></td>
<td></td>
<td>0.01 ug/ml - 0.5 ug/ml</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td></td>
<td></td>
<td>0.1 ug/ml - 1.0 ug/ml</td>
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</tbody>
</table>

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

### Species Cross Reactivity

Reacts with: Dolphin, Mouse, Sheep, Pig

Reacts weakly with: Dog, Horse

**N.B.** Antibody reactivity and working conditions may vary between species.

### Product Form

Purified IgG conjugated to Biotin - liquid

### Antiserum Preparation

Antisera to bovine interleukin-17A were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN$_3$)

### Approx. Protein Concentrations

Total protein concentration 1.0 mg/ml

### Immunogen

Recombinant bovine interleukin-17A
External Database Links

- UniProt: Q687Y7
- Related reagents

Entrez Gene:
- 282863 IL17A
- Related reagents

Specificity

**Rabbit anti Bovine interleukin-17A antibody** recognizes bovine interleukin-17A (IL-17A), a 35 kDa disulfide-linked homodimer consisting of two 153 amino acid chains, which belongs to the IL-17 family (classified as IL-17A to IL-17F), and signals through the IL-17 receptor (IL-17R/CDw217).

IL-17, originally thought to have been produced primarily by activated CD4+ T cells, appears to have a range of cellular origins and induces a variety of target cells to secrete inflammatory cytokines, including IL-1β, IL-6, TNFα, IFNγ and granulocyte colony-stimulating factor, as well as synergizing with other inflammatory cytokines and agonists.

ELISA

This product may be used as a detection reagent in a sandwich ELISA together with **AHP2376** as the capture reagent. Recombinant bovine interleukin-17A (**PBP025**) 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.

Shelf Life

12 months from date of despatch

Health And Safety Information


Regulatory

For research purposes only

Related Products

**Recommended Secondary Antibodies**

- STREPTAVIDIN (STAR119...) **APC**

**Recommended Useful Reagents**

- RECOMBINANT BOVINE INTERLEUKIN-17A (PBP025)
- RABBIT ANTI BOVINE INTERLEUKIN-17A (AHP2376)

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