Anti-Canine IL-21 Polyclonal Antibody

**Description:** Anti-canine IL-21 polyclonal antibody

**Catalog Number:** PB0416D-100

**Lot Number:** GM0882EM

**Quantity:** 100 µg

**Concentration:** 1.0 mg/mL

**Volume:** 100 µL

**Host:** Rabbit

**Purification:** Canine IL-21 affinity chromatography

**Immunogen:** Recombinant canine IL-21

**Molecular Weight:** 14.9 kDa (calculated) for canine IL-21

**Formulation:** 1X PBS buffer containing 0.09% NaN₃

**Stability and Storage:** Stable for up to twelve months from date of receipt at 2-8°C.

**Country of Origin:** USA

**Applications:**
- **Western blot** – 0.1-2 µg/mL
- **ELISA** – 0.5-5 µg/mL

The recommended concentrations are approximate values. Optimal dilutions should be determined for each application.

<table>
<thead>
<tr>
<th>Reagent</th>
<th>Information</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capture Antibody</td>
<td>2 µg/ml for 12-24 hours</td>
<td>PB0416D-100</td>
</tr>
<tr>
<td>Standard Protein</td>
<td>2 hour incubation</td>
<td>RP0256D-005</td>
</tr>
<tr>
<td>Detection Antibody</td>
<td>0.1 µg/ml for 1 hour</td>
<td>PBB0421D-050</td>
</tr>
<tr>
<td>SA-HRP</td>
<td>Use as recommended.</td>
<td>AR0068-001</td>
</tr>
<tr>
<td>TMB</td>
<td>30 minute incubation</td>
<td>AR0133-002</td>
</tr>
</tbody>
</table>

**Protein vs. Average (450 nm)**

0 2 4 6 8 10

Average (450 nm) Protein (ng/mL) Canine IL-21

0 2 4 6 8 10

0 0.5 1 1.5 2 2.5 3

Average (450 nm) Protein (ng/mL) Canine IL-21
ANTI-CANINE IL-21
Polyclonal Antibody

Cross-reactivity:

<table>
<thead>
<tr>
<th></th>
<th>Recombinant bovine IL-21</th>
<th>Recombinant chicken IL-21</th>
</tr>
</thead>
<tbody>
<tr>
<td>(ELISA)</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Warranty:

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