Datasheet: AAI31P

Description: GOAT ANTI DOG IgA:HRP

Specificity: IgA

Format: HRP

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 1 mg

Product Details

Applications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td></td>
<td></td>
<td>1/200 - 1/500</td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>1/10,000 - 1/80,000</td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
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</tr>
</tbody>
</table>

Where this antibody 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 antibody for use in their own system using the appropriate negative/positive controls.

Target Species

Dog

Species Cross Reactivity

Reacts with: Ferret, Wolf

Based on sequence similarity, is expected to react with: Mustelid

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

Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation

Antisera to canine IgA were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.05% Procin™ 300

0.2% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Purified canine IgA.

Specificity

Goat anti Dog IgA polyclonal antibody recognizes canine IgA and shows no cross reactivity with other canine immunoglobulin classes in immunoelectrophoresis or ELISA.
Goat anti Dog IgA may cross react with IgA from other species. Goat anti Dog IgA polyclonal antibody has been shown to cross react with IgA from other canids (Frankowiack et al. 2013) and with mustelids (Martel et al. 2009).

References


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.

Acknowledgements

Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.

Health And Safety Information


Regulatory

For research purposes only

Related Products

**Recommended Useful Reagents**

AbGUARD® HRP STABILIZER PLUS (BUF052A)
AbGUARD® HRP STABILIZER PLUS (BUF052B)
AbGUARD® HRP STABILIZER PLUS (BUF052C)
TMB CORE (BUF056A)
TMB CORE+ (BUF062A)
TMB SIGNAL+ (BUF054A)