Datasheet: AAI31

<table>
<thead>
<tr>
<th>Description:</th>
<th>GOAT ANTI DOG IgA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>IgA</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Polyclonal Antibody</td>
</tr>
<tr>
<td>Isotype:</td>
<td>Polyclonal IgG</td>
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<tr>
<td>Quantity:</td>
<td>1 mg</td>
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</tbody>
</table>

Product Details

Applications

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td>❌</td>
<td></td>
<td></td>
<td>1/200 - 1/2000</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<td></td>
</tr>
<tr>
<td>ELISA</td>
<td>❌</td>
<td></td>
<td></td>
<td>1/100 - 1/30000</td>
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<tr>
<td>Immunoprecipitation</td>
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</tr>
<tr>
<td>Western Blotting</td>
<td>❌</td>
<td></td>
<td></td>
<td>Reducing conditions</td>
</tr>
<tr>
<td>Immunodiffusion</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 - 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

0.09% Sodium Azide

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

Purified canine IgA.
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.

Health And Safety Information

Regulatory
For research purposes only

Related Products
Recommended Secondary Antibodies
Rabbit Anti Goat IgG (Fc) (STAR122...) FITC, HRP