Datasheet: AAI41P

**Description:** GOAT ANTI PIG IgG (Fc):HRP

**Specificity:** IgG (Fc)

**Format:** HRP

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 1 mg

**Applications**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
<td>□</td>
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<td></td>
<td>1/10,000 - 1/100,000</td>
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<tr>
<td>Western Blotting</td>
<td>□</td>
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</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**

Pig

**Product Form**

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

**Antiserum Preparation**

Antisera to porcine IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.05% Pro-Clean 400

0.2% Bovine Serum Albumin

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

Purified porcine IgG.
**Specificity**

Goat anti Pig IgG (Fc) antibody recognizes the Fc region of the porcine IgG heavy chains and shows no cross-reactivity with other porcine immunoglobulin classes as evaluated by immunoelectrophoresis. Goat anti Pig IgG (Fc) has not been species cross-adsorbed and may react with the Fc region of IgG from other species.

Goat anti Pig IgG (Fc) antibody has been used extensively as a detection reagent for porcine IgG in ELISA, for example monitoring of the IgG response in influenza infected pigs (Crisci et al. 2013).

**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.

**Guarantee**

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

**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)

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