

## Datasheet: STAR121P

|                      |                               |
|----------------------|-------------------------------|
| <b>Description:</b>  | GOAT ANTI RABBIT IgG (Fc):HRP |
| <b>Specificity:</b>  | IgG (Fc)                      |
| <b>Format:</b>       | HRP                           |
| <b>Product Type:</b> | Polyclonal Antibody           |
| <b>Isotype:</b>      | Polyclonal IgG                |
| <b>Quantity:</b>     | 1 mg                          |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                            | Yes | No | Not Determined | Suggested Dilution   |
|----------------------------|-----|----|----------------|----------------------|
| Immunohistology - Frozen   |     |    | ▪              |                      |
| Immunohistology - Paraffin |     |    | ▪              |                      |
| ELISA                      | ▪   |    |                | 1/10,000 - 1/100,000 |
| Western Blotting           | ▪   |    |                | 1/ 1000 - 1/ 10,000  |

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

|                                       |  |
|---------------------------------------|--|
| <b>Target Species</b>                 | Rabbit   |
| <b>Product Form</b>                   | Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid   |
| <b>Antiserum Preparation</b>          | Antisera to rabbit IgG were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.                           |
| <b>Buffer Solution</b>                | Phosphate buffered saline  |
| <b>Preservative</b>                   | 0.05% Proclin™ 300   |
| <b>Stabilisers</b>                    | 0.2% Bovine Serum Albumin  |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml  |
| <b>External Database Links</b>        | <p><b>UniProt:</b><br/> <a href="#">P01870</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">100009097</a>    LOC100009097    <a href="#">Related reagents</a></p> |

**Specificity**      **Goat anti rabbit IgG antibody** recognizes the Fc region of rabbit immunoglobulin G, confirmed by

ELISA and immunoelectrophoresis. The antibody has not been species cross adsorbed and may cross react with IgG from other species. It shows weak recognition of rabbit IgM in ELISA.

Goat anti rabbit IgG antibody has been used successfully as a secondary detection reagent for rabbit primary antibodies using immunohistochemical techniques ([Redondo et al. 2013](#)).

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**References**

1. Kalluri, S.R. *et al.* (2010) Quantification and functional characterization of antibodies to native aquaporin 4 in neuromyelitis optica. [Arch Neurol. 67:1201-8.](#)
2. Redondo, E. *et al.* (2014) Induction of interleukin-8 and interleukin-12 in neonatal ovine lung following experimental inoculation of bovine respiratory syncytial virus. [J Comp Pathol. 150 \(4\): 434-48.](#)

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**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.

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**Shelf Life**

12 months from date of despatch.

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**Acknowledgements**

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

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**Health And Safety Information**

Material Safety Datasheet documentation #20391 available at:  
20391: <https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Useful Reagents

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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