

## Datasheet: STAR111

**BATCH NUMBER 172291**

<b>Description:</b>	GOAT ANTI RAT IgA
<b>Specificity:</b>	IgA
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1ug/ml - 10ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			
Immunofluorescence	▪			

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 appropriate negative/positive controls.

#### Target Species

Rat

#### Product Form

Purified IgG - liquid

#### Antiserum Preparation

Antisera to rat IgA were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

<0.1% Sodium Azide (NaN<sub>3</sub>)

#### Approx. Protein

IgG concentration 1.0 mg/ml

## Concentrations

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**RRID** AB\_567395

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**Specificity** **Goat anti Rat IgA antibody** recognizes rat IgA as assessed by immunoelectrophoresis and ELISA.

Goat anti Rat IgA antibody may cross react with IgA from other species.

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**References**

1. Liu, Y. *et al.* (2008) The immunohistochemical localization of secretory IgA in the submandibular gland of the Mongolian gerbil [ACMS 4: 22-5](#)
2. Kesik-brodacka, M. *et al.* (2017) Immune response of rats vaccinated orally with various plant-expressed recombinant cysteine proteinase constructs when challenged with *Fasciola hepatica* metacercariae. [PLoS Negl Trop Dis. 11 \(3\): e0005451.](#)

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**Storage** This product is shipped at ambient temperature.  
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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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR111>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)  
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