

## Datasheet: STAR131B

<b>Description:</b>	GOAT ANTI RAT IgG:Biotin (MOUSE ADSORBED)
<b>Specificity:</b>	IgG
<b>Format:</b>	Biotin
<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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/5000 - 1/20000
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. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Rat
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to rat IgG were raised by repeated immunisation of goats with purified antigen. Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Rat IgG

**External Database  
Links**

**UniProt:**

[P20761](#)    [Related reagents](#)  
[P20762](#)    [Related reagents](#)  
[P20760](#)    [Related reagents](#)  
[P20759](#)    [Related reagents](#)

**Entrez Gene:**

[362795](#)    LOC362795    [Related reagents](#)  
[299354](#)    Ighg            [Related reagents](#)  
[679045](#)    LOC679045    [Related reagents](#)

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**RRID**                    AB\_11152774

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**Specificity**            **Goat anti Rat IgG antibody** recognizes rat IgG. This antibody has been cross absorbed against pooled mouse sera and pooled mouse plasmacytoma/hybridoma proteins.

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**References**

1. Monticone, S. *et al.* (2015) Immunohistochemical, genetic and clinical characterization of sporadic aldosterone-producing adenomas. [Mol Cell Endocrinol. 411: 146-54.](#)
2. Schley, G. *et al.* (2018) Multiparametric magnetic resonance imaging of experimental chronic kidney disease: A quantitative correlation study with histology. [PLoS One. 13 \(7\): e0200259.](#)
3. El Amki, M. *et al.* (2018) Improved Reperfusion and Vasculoprotection by the Poly(ADP-Ribose)Polymerase Inhibitor PJ34 After Stroke and Thrombolysis in Mice. [Mol Neurobiol. 55 \(12\): 9156-9168.](#)
4. Gawish, R. *et al.* (2022) A neutrophil-B-cell axis impacts tissue damage control in a mouse model of intraabdominal bacterial infection via Cxcr4. [Elife. 11:e78291.](#)
5. Nudy, M. *et al.* (2022) Association between coronary artery vitamin D receptor expression and select systemic risks factors for coronary artery atherosclerosis. [Climacteric. 25 \(4\): 369-75.](#)
6. Bianchi, A. *et al.* (2021) Moderate Exercise Inhibits Age-Related Inflammation, Liver Steatosis, Senescence, and Tumorigenesis. [J Immunol. 206 \(4\): 904-16.](#)

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**Storage**                    This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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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/STAR131B>  
10040

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**Regulatory**                For research purposes only

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

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