

Datasheet: STAR72

BATCH NUMBER 154727

Description:	GOAT ANTI RAT IgG:HRP (MOUSE ADSORBED)
Specificity:	IgG
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			1/50
Immunohistology - Paraffin	▪			
ELISA	▪			1/1000
Western Blotting			▪	

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 conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation

Antisera to rat IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.01% Thiomersal

Approx. Protein Concentrations

IgG concentration 0.5 mg/ml

Immunogen

Rat IgG

External Database
Links

UniProt:

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

Entrez Gene:

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

RRID AB_321935

Specificity **Goat anti Rat IgG antibody** recognizes rat IgG. Cross-reactivity with mouse immunoglobulins has been removed by solid phase adsorption.

References

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12. Harcourt, L.J. *et al.* (2005) Interleukin-15 administration improves diaphragm muscle

pathology and function in dystrophic mdx mice. [Am J Pathol. 166 \(4\): 1131-41.](#)
13. Geoffrion, M. *et al.* (2014) Differential effects of glyoxalase 1 overexpression on diabetic atherosclerosis and renal dysfunction in streptozotocin-treated, apolipoprotein E-deficient mice. [Physiol Rep. 2 \(6\)Jun 11 \[Epub ahead of print\].](#)
14. Elitok, S. *et al.* (2006) Cyclic arginine-glycine-aspartic acid peptide inhibits macrophage infiltration of the kidney and carotid artery lesions in apo-E-deficient mice. [Am J Physiol Renal Physiol. 290 \(1\): F159-66.](#)

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10094 available at:
10094: <https://www.bio-rad-antibodies.com/uploads/MSDS/10094.pdf>

Regulatory For research purposes only

Related Products

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

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