Datasheet: STAR124P

BATCH NUMBER 175171

Description:	GOAT ANTI RABBIT IgG (H/L):HRP
Specificity:	IgG (H/L)
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			1/1000 - 1/5000
Immunohistology - Paraffin			▪	
ELISA	▪			1/50000 - 1/100000
Immunoprecipitation			▪	
Western Blotting	▪			1/2000 - 1/10000

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.

Target Species

Rabbit

Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - lyophilized

Reconstitution

Reconstitute with 1.0ml distilled water
Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

Antiserum Preparation

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.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.01% Gentamicin sulfate

	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	Rabbit IgG, whole molecule.
External Database Links	**UniProt:** P01870 Related reagents P01841 Related reagents P01838 Related reagents P01847 Related reagents P01840 Related reagents P01839 Related reagents **Entrez Gene:** 100009097 LOC100009097 Related reagents 100422811 IGKC2 Related reagents
RRID	AB_615912
Specificity	**Goat anti Rabbit IgG antibody** conjugated to horseradish peroxidase, recognizes rabbit IgG. Cross reactivity with bovine, chicken, goat, guinea pig, hamster, horse, human, mouse, rat and sheep serum proteins has been minimized by solid phase adsorption.
References	1. Fernandes, A.C. *et al.* (2014) Lab-on-chip cytometry based on magnetoresistive sensors for bacteria detection in milk. Sensors (Basel). 14 (8): 15496-524. 2. Shea, G.K. *et al.* (2020) Juxtacrine signalling via Notch and ErbB receptors in the switch to fate commitment of bone marrow-derived Schwann cells. Eur J Neurosci. 52 (5): 3306-21. 3. Gogulamudi, V.R. *et al.* (2023) Heterozygosity for ADP-ribosylation factor 6 suppresses the burden and severity of atherosclerosis. PLoS One. 18 (5): e0285253. 4. Ahmad, T.A. *et al.* (2026) Variable progressive behavior of *Klebsiella pneumoniae* at different sites of infection. Front Immunol. 17: 1775450.
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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/STAR124P

Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

TMB CORE (BUF056A)
TMB CORE+ (BUF062A)
TMB SIGNAL+ (BUF054A)

Product inquiries: 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
'M428655:240301'

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