

## Datasheet: 618501

<b>Description:</b>	RABBIT ANTI RAT IgG (H/L)
<b>Specificity:</b>	IgG (H/L)
<b>Format:</b>	Purified
<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
ELISA	■			

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

<b>Target Species</b>	Rat
<b>Species Cross Reactivity</b>	Does not react with:Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to rat IgG was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Rat IgG.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P01835</a> <a href="#">Related reagents</a> <a href="#">P20766</a> <a href="#">Related reagents</a> <a href="#">P20760</a> <a href="#">Related reagents</a>

[P20759](#) [Related reagents](#)  
[P20761](#) [Related reagents](#)  
[P01836](#) [Related reagents](#)  
[P20767](#) [Related reagents](#)  
[P20762](#) [Related reagents](#)

**Entrez Gene:**

[500180](#) LOC500180 [Related reagents](#)  
[363828](#) RGD1564318 [Related reagents](#)  
[299354](#) Ighg [Related reagents](#)  
[679045](#) LOC679045 [Related reagents](#)  
[362795](#) LOC362795 [Related reagents](#)

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**Specificity** **Rabbit anti Rat IgG (H&L) antibody** recognizes the heavy and light chains of rat IgG1, IgG2a, IgG2b, IgG2c, and the light chains of rat IgM as demonstrated by ELISA.

Rabbit anti Rat IgG (H&L) antibody has been cross-absorbed with human sera and purified human paraproteins. It has minimal cross reactivity with human Immunoglobulins.

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**References** 1. Potter, K.A. *et al.* (2012) Stab injury and device implantation within the brain results in inversely multiphasic neuroinflammatory and neurodegenerative responses. [J Neural Eng. 9: 046020.](#)

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**Storage** Store at -20°C only.  
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.

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**Shelf Life** Please see label for expiry date

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**Health And Safety Information** Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10123 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10123.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),  
[DyLight@680](#), [DyLight@800](#)

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