

## Datasheet: AHP2488

|                      |                     |
|----------------------|---------------------|
| <b>Description:</b>  | RABBIT ANTI JAK3    |
| <b>Specificity:</b>  | JAK3                |
| <b>Format:</b>       | Purified            |
| <b>Product Type:</b> | Polyclonal Antibody |
| <b>Isotype:</b>      | Polyclonal IgG      |
| <b>Quantity:</b>     | 50 µl               |

### 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 |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪   |    |                | 1/500 - 1/2000     |

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>        | Human   |
| <b>Product Form</b>          | Purified IgG - liquid   |
| <b>Antiserum Preparation</b> | Antiserum to JAK3 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| <b>Buffer Solution</b>       | Phosphate buffered saline   |
| <b>Preservative</b>          | 0.02% Sodium Azide  |
| <b>Stabilisers</b>           | 50% Glycerol  |
| <b>Immunogen</b>             | Synthetic human JAK3 peptide  |

#### External Database Links

##### UniProt:

[P52333](#)

[Related reagents](#)

##### Entrez Gene:

[3718](#)

JAK3

[Related reagents](#)

|                                      |  |
|--------------------------------------|--|
| <b>Specificity</b>                   | <b>Rabbit anti JAK3 antibody</b> recognizes JAK3, also known Janus kinase 3.<br><br>JAK3, a tyrosine kinase member of the Janus kinase family, is involved in the control of stem cell maintenance, hematopoiesis, and inflammation through its involvement in the JAK/STAT signaling pathway. |
| <b>Western Blotting</b>              | Rabbit anti JAK3 antibody detects a band of approximately 115 kDa in TF-1 cell lysate under reducing conditions  |
| <b>Storage</b>                       | Store at -20°C<br>Storage in frost-free freezers is not recommended.<br>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.                 |
| <b>Guarantee</b>                     | 12 months from date of despatch  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10049 available at: 10049: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf</a>  |
| <b>Regulatory</b>                    | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

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

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
| <b>North &amp; South America</b> | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a> | <b>Worldwide</b> | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a> | <b>Europe</b> | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a> |
|----------------------------------|---|------------------|---|---------------|---|

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)  
'M376910:210212'

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