

## Datasheet: AHP2413

<b>Description:</b>	RABBIT ANTI STAT5A
<b>Specificity:</b>	STAT5A
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 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
Western Blotting	▪			1/200

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>	Mouse
<b>Species Cross Reactivity</b>	<p>Reacts with: Human, Rat</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Antiserum Preparation</b>	Antiserum to STAT5A was raised by repeated immunisation of rabbits with highly purified antigen
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<p>0.1% Sodium Azide (NaN<sub>3</sub>)</p> <p>0.2% Gelatin</p>

<b>Approx. Protein Concentrations</b>	IgG concentration 0.2 mg/ml
<b>Immunogen</b>	Peptide mapping to the carboxy terminus of mouse STAT5A
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P42230</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">20850</a> Stat5a    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	Mgf, Mpf
<b>Specificity</b>	<p><b>Rabbit anti STAT5A antibody</b> recognizes signal transducer and activator of transcription 5A (STAT5A), a member of the STAT protein family. STAT5A plays an important role in cell growth, survival, differentiation and transformation by transducing signals from cytokine receptors to the nucleus.</p> <p>STAT5A is tyrosine phosphorylated by members of the Janus kinase (JAK) family in response to cytokines and growth factor stimulation. Phosphorylation results in STAT activation and the formation of STAT5 homo- and STAT5/STAT3 heterodimers. STAT dimers translocate from the cytoplasm to the nucleus where they act as transcription factors. Deregulated JAK/STAT signaling has been implicated in a variety of cancers, and STATs can regulate the tumor microenvironment to trigger a shift from cancer inhibition to promotion.</p>
<b>Western Blotting</b>	Rabbit anti STAT5A recognizes a band of approximately 91 kDa when run under reducing conditions
<b>Storage</b>	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #20341 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/AHP2413">https://www.bio-rad-antibodies.com/SDS/AHP2413</a>  20341</p>
<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 \(STAR209P\)](#)

**North & South** Tel: +1 800 265 7376

**Worldwide**

Tel: +44 (0)1865 852 700

**Europe**

Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

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Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a 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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