

Datasheet: AHP2690

BATCH NUMBER 158021

Description:	RABBIT ANTI STAT6 (pTyr641)
Specificity:	STAT6 (pTyr641)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/50 - 1/100
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.

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to STAT6 (pTyr641) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative	0.02% Sodium Azide
Stabilisers	50% Glycerol
Immunogen	Phospho specific-peptide corresponding to residues surrounding tyrosine 641 of human STAT6

External Database Links

UniProt:

[P42226](#)

[Related reagents](#)

Entrez Gene:

[6778](#) STAT6 [Related reagents](#)

Specificity	Rabbit anti STAT6 (pTyr641) antibody recognizes STAT6, also known as IL-4 Stat when phosphorylated at tyrosine 641. STAT6 is a member of the STAT family of transcription factors. STATs reside in the cytosol until activated. Upon activation STATs dimerize and translocate to the nucleus where they exert their transcriptional effects. STAT6 is phosphorylated at tyrosine 641 by Janus associated kinases (JAKs) leading to dimerization and relocation to the nucleus (Wurster et al. 2000).
Further Reading	1. Wurster, A.L. <i>et al.</i> (2000) The biology of Stat4 and Stat6. Oncogene. 19 (21): 2577-84.
Storage	Store at -20°C 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 #10049 available at: 10049: https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf
Regulatory	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 \(STAR209P\)](#)

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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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