

Datasheet: AHP2747

Description:	RABBIT ANTI JAK3 (pTyr980/pTyr981)
Specificity:	JAK3 (pTyr980/pTyr981)
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
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 JAK3 (pTyr980/pTyr981) 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 Stabilisers	0.02% Sodium Azide 50% Glycerol
Immunogen	Phospho specific-peptide corresponding to residues surrounding tyrosine 980/981 of human JAK3
External Database Links	UniProt: P52333 Related reagents

Entrez Gene:[3718](#) JAK3 [Related reagents](#)

Specificity	Rabbit anti JAK3 (pTyr980/pTyr981) antibody antibody recognizes tyrosine-protein kinase JAK3 when phosphorylated on tyrosine 980/981. It belongs to the JAK (Janus kinase) family of nonreceptor tyrosine kinases that are central mediators of cytokine signalling (Rane and Reddy 2000). JAK3 is expressed in hematopoietic cells (Rane and Reddy 1994). It plays important roles in development and function of the immune system (Macchi et al. 1995 , Park et al. 1995). JAK3 is heavily phosphorylated on tyrosine residues tyrosine 980/981 that are located within the putative activation loop (Zhou et al. 1997).
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: https://www.bio-rad-antibodies.com/SDS/AHP2747 10049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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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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