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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54306_P050-FITC
Product Page	www.avivasysbio.com/jak3-antibody-middle-region-fitc-arp54306-p050-fitc.html
Name	JAK3 Antibody - middle region : FITC (ARP54306_P050-FITC)
Protein Size (# AA)	1124 amino acids
Molecular Weight	125kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3718
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Janus kinase 3
Alias Symbols	JAKL, LJAK, JAK-3, L-JAK, JAK3_HUMAN
Peptide Sequence	Synthetic peptide located within the following region: KLLPLDKDYVYVREPGQSPIFWYAPESLSDNIFSRQSDVWSEFGVVLLEYLF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Cheng,H., (2008) Mol. Cell. Biol. 28 (7), 2271-2282
Description of Target	JAK3 is a member of the Janus kinase (JAK) family of tyrosine kinases, which is involved in cytokine receptor-mediated intracellular signal transduction. JAK3 is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in JAK3 are associated with autosomal SCID (severe combined immunodeficiency disease). The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	Socs5; KIT; IL7R; TYK2; STAT6; STAT3; JAK2; JAK1; IL4R; GTF2B; ERBB3; CDK1; CD81; APOA1; UBC; SOCS3; UHRF2; STAT5A; IKBKG; ALK; SH2B2; TIAF1; INPP5D; PTPN2; STAM2; PRMT5; SOCS1; KHDRBS1; STAM; PTK2B; IRS2; SHB; JAK3; IL2RG; VIL1; FES; CD247; PTPN6; PIK3R1
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-JAK3 (ARP54306_P050-FITC) antibody
Blocking Peptide	For anti-JAK3 (ARP54306_P050-FITC) antibody is Catalog # AAP54306 (Previous Catalog # AAPP31055)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human JAK3
Uniprot ID	P52333
Protein Name	Tyrosine-protein kinase JAK3
Protein Accession #	NP_000206
Purification	Affinity Purified
Nucleotide Accession #	NM_000215
Gene Symbol	JAK3

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.