

# Rabbit anti-Human, Pig Janus Kinase 3 (JAK3) Polyclonal Antibody | anti-JAK3 antibody

Polyclonal Antibody to Janus Kinase 3 (JAK3)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA132897 | Rabbit | Human, Pig | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

## PRODUCT SYNONYMS

Janus Kinase 3 (JAK3); Polyclonal Antibody; Polyclonal Antibody to Janus Kinase 3 (JAK3); anti-JAK3 antibody

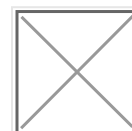
## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                     | Human, Pig                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against JAK3. It has been selected for its ability to recognize JAK3 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                 |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                      |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence is listed below.<br>MGSS HHHHHSSGLVPRGSHMASM TGGQQMGRGS EF-WEVFSGV TMPISALDPA KKLQFYEDRQ<br>QLPAPKWTEL ALLIQQCMAY EPVQRPSFRA VIRDLNSLIS SDYELLSIPT PGALAPRDGL WNGAQLYACQ<br>DPTIFEERHL KYISQLGKGN FGSVELCRYD PLGDNTGALV AVKQLQHSGP DQQRDFQREI QILKALHSDF<br>IVKYRGVSYG PGRQSLRLVM EYLPSCGLRD FLQRHRLD ASRLLLYSSQ ICKGMEYLGSRRCVHRDLAA<br>RNILVESEAH VKIAD |
| Applicable Applications for anti-JAK3 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                      | Recombinant JAK3 (Trp716~Asp967) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                          |
| Cross Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                  |

## IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P. Samples: Human Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant JAK3, Human.

## NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 47157315 |
|-----------|----------|

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GeneID                      | 3718                                                   |
| NCBI Accession #                 | NP_000206.2                                            |
| NCBI GenBank Nucleotide #        | NM_000215.3                                            |
| UniProt Accession #              | P52333; Q13259; Q13260; Q13611; Q8N1E8; Q99699; Q9Y6S2 |
| Molecular Weight                 | 68,279 Da                                              |
| NCBI Official Full Name          | tyrosine-protein kinase JAK3                           |
| NCBI Official Synonym Full Names | Janus kinase 3                                         |
| NCBI Official Symbol             | JAK3                                                   |
| NCBI Official Synonym Symbols    | JAKL; LJAK; JAK-3; L-JAK; JAK3_HUMAN                   |
| NCBI Protein Information         | tyrosine-protein kinase JAK3                           |
| UniProt Protein Name             | Tyrosine-protein kinase JAK3                           |
| UniProt Gene Name                | <b>JAK3</b>                                            |
| UniProt Synonym Gene Names       | JAK-3; L-JAK                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/janus-kinase-3-jak3-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132897>