

## Rabbit JAK2 Polyclonal Antibody | anti-JAK2 antibody

JAK2 Rabbit Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                             |
|-----------|--------|-------------------|------------------------------------------|
| AAA318928 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry |

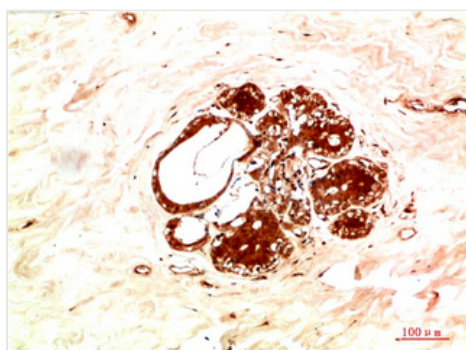
### PRODUCT SYNONYMS

JAK2; Polyclonal Antibody; JAK2 Rabbit Rabbit Polyclonal Antibody; Tyrosine-protein kinase JAK2 (EC 2.7.10.2)(Janus kinase 2)(JAK-2); YM3720; BH6842; anti-JAK2 antibody

### PRODUCT SPECIFICATIONS

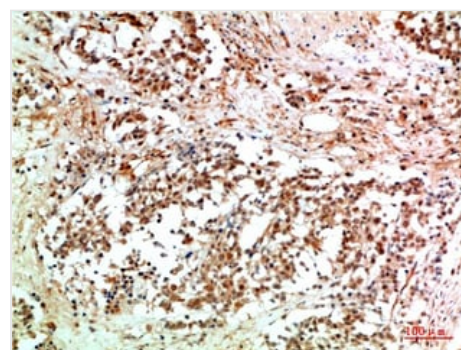
|                                                |                                                                                                                       |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                            |
| Specificity                                    | The antibody detects endogenous JAK2 protein                                                                          |
| Purity/Purification                            | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                    | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                               |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                |
| Applicable Applications for anti-JAK2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry)                                                                   |
| Immunogen                                      | Recombinant Protein of JAK2                                                                                           |
| Modification                                   | Unmodified/Total                                                                                                      |
| Preparation and Storage                        | Store at -20 degree C/1 year                                                                                          |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using JAK2 Rabbit pAb diluted at 1:200



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma Tissue using JAK2 Rabbit pAb diluted at 1:200

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-JAK2 antibody | This gene product is a protein tyrosine kinase involved in a specific subset of cytokine receptor signaling pathways. It has been found to be constitutively associated with the prolactin receptor and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis. [provided by RefSeq, Jul 2008] |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| NCBI GI #                        | 4826776                                                                         |
| NCBI GeneID                      | 3717                                                                            |
| NCBI Accession #                 | NP_004963.1                                                                     |
| NCBI GenBank Nucleotide #        | NM_004972.3                                                                     |
| UniProt Accession #              | O60674; O14636; O75297                                                          |
| Molecular Weight                 | 130,674 Da                                                                      |
| NCBI Official Full Name          | tyrosine-protein kinase JAK2                                                    |
| NCBI Official Synonym Full Names | Janus kinase 2                                                                  |
| NCBI Official Symbol             | JAK2                                                                            |
| NCBI Official Synonym Symbols    | JTK10; THCYT3                                                                   |
| NCBI Protein Information         | tyrosine-protein kinase JAK2; JAK-2; Janus kinase 2 (a protein tyrosine kinase) |
| UniProt Protein Name             | Tyrosine-protein kinase JAK2                                                    |
| UniProt Gene Name                | JAK2                                                                            |
| UniProt Synonym Gene Names       | JAK-2                                                                           |
| UniProt Entry Name               | JAK2_HUMAN                                                                      |

**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.

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