

## Rabbit JAK2 Polyclonal Antibody | anti-JAK2 antibody

JAK2 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA166983</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

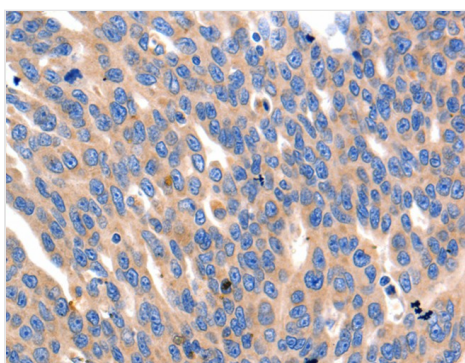
### PRODUCT SYNONYMS

JAK2; Polyclonal Antibody; JAK2 Polyclonal Antibody; JTK10; THCYT3; anti-JAK2 antibody

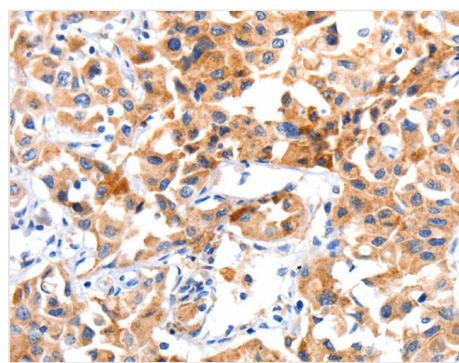
### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 0.4mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 1132                                                                                      |
| Applicable Applications for anti-JAK2 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                      | Synthetic peptide of human JAK2                                                           |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using JAK2 Polyclonal Antibody at dilution of 1:10


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using JAK2 Polyclonal Antibody at dilution of 1:10

### 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.

Product Categories/Family for anti-JAK2 antibody

Cancer; Cell biology; Epigenetics

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| NCBI GI #                        | 3236322                                                                         |
| NCBI GeneID                      | 3717                                                                            |
| Molecular Weight                 | 130,674 Da                                                                      |
| NCBI Official Full Name          | Jak2 kinase                                                                     |
| 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                | <b>JAK2</b>                                                                     |
| 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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Online datasheet: <https://www.aaabiotech.com/polyclonal/jak2-antibody-immunohistochemistry-elisa/166983>