

## JAK2

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**Reactivity:**Human Rat

**Tested applications:**IHC

**Recommended Dilution:**IHC 1:50 - 1:100

**Calculated MW:**131kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human JAK2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

JTK10; THCYT3;

**Catalog #:**A5537

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3717

**Isotype:**IgG

**Swiss Prot:**O60674

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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