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Jak2

Reactivity: Human Mouse Rat

Tested applications:WB ICC

Recommended Dilution:WB 1:500 - 1:2000 ICC 1:50 - 1:200

Calculated MW:130kDa

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:

bo

Synonym:

JAK2;JTK10;Tyrosine-protein kinase JAK2;Janus kinase 2;

Catalog #:A0360

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:3717

Isotype: IgG

Swiss Prot:O60674

Purity: Affinity purification

For research use only.

Background:

Members of the Janus family of tyrosine kinases (Jak1, Jak2, Jak3, and Tyk2) are activated by ligands binding to a number of associated cytokine receptors (1). Upon cytokine receptor activation, Jak proteins become autophosphorylated and phosphorylate their associated receptors to provide multiple binding sites for signaling proteins. These associated signaling proteins, such as Stats (2), Shc (3), insulin receptor substrates (4), and focal adhesion kinase (FAK) (5), typically contain SH2 or other phospho-tyrosine-binding domains.

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