

PHOSPHO-JAK2/3 (TYR966/939) RABBIT PAB

Cat.#: N225093

Product Name: Anti-Phospho-JAK2/3 (Tyr966/939) Rabbit pAb

Synonyms: Tyrosine-protein kinase JAK2/JAK3 (EC 2.7.10.2; Janus kinase 2/Janus kinase 3; JAK-2/JAK-3)

UNIPROT ID: O60674/P52333

Background: Phosphorylated STATs then form homodimer or heterodimers and translocate to the nucleus to activate gene transcription. For example, cell stimulation with erythropoietin (EPO) during erythropoiesis leads to JAK2 autophosphorylation, activation, and its association with erythropoietin receptor (EPOR) that becomes phosphorylated in its cytoplasmic domain. Then, STAT5 (STAT5A or STAT5B) is recruited, phosphorylated and activated by JAK2.

Immunogen: Synthesized Phospho peptide derived from human JAK2/3.at AA range: T966

Applications: WB,ELISA

Recommended Dilutions: WB: 1/500-1/1000 ELISA: 1/10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 131 kDa; Observed MW: 120-130 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

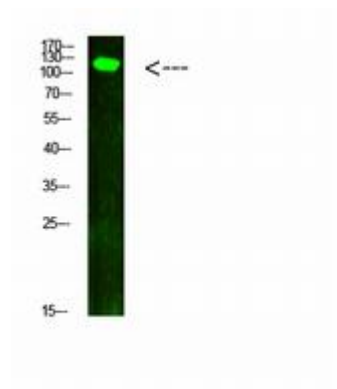
Conjugation: Unconjugated

Modification: Phosphorylated

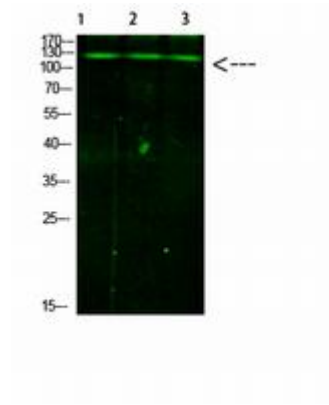
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Phospho-JAK2/3 (Tyr966/939) in hela lysates using Phospho-JAK2/3 (Tyr966/939) antibody.



Western blot analysis of Phospho-JAK2/3 (Tyr966/939) in mouse liver, hela, mouse brain lysates using Phospho-JAK2/3 (Tyr966/939) antibody.