Anti-Phospho-JAK2 (Tyr1007) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012023

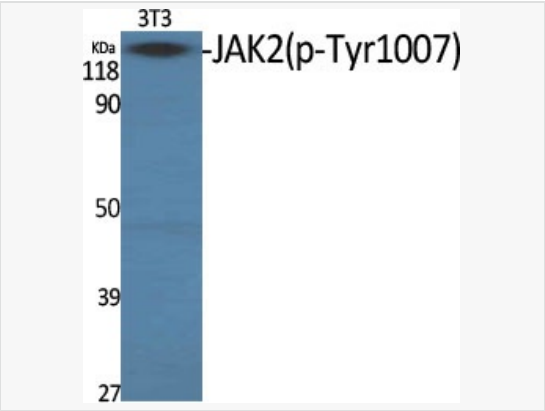
Product Information

Application	WB, ELISA, IHC-P/IF (Tissue-P)
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human JAK2 around the phosphorylation site of Tyr1007.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-JAK2 (Tyr1007) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	JAK2, Tyrosine-protein kinase JAK2, Janus kinase 2, JAK-2.
Calculated MW	Calculated MW: 131 kDa; Observed MW: 131 kDa
Uniprot ID	O60674
Gene ID	3717
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.

Validation Images



Western blot analysis of Phospho-JAK2 (Tyr1007) in NIH3T3 lysates using Phospho-JAK2 (Tyr1007) antibody.