



Jak2 (Ab-221) Antibody

#21120

Catalog Number: 21120-1, 21120-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : O60674

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human JAK2 around the phosphorylation site of tyrosine 221 (Q-D-Y^P-H-I).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: JAK2(Ab-221) antibody detects endogenous levels of total JAK2 protein.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 125kd

IHC: 1:50~1:100

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.

References:

Feener EP, et al.(2004) Mol Cell Biol. 24(11): 4968-4978.

Argetsinger LS, et al.(2004) Mol Cell Biol. 24(11): 4955-4967