



JAK1 (Phospho-Tyr1022) Antibody

#11149

Catalog Number: 11149-1, 11149-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P23458

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 phosphopeptide derived from human JAK2 around the phosphorylation site of tyrosine 1022 (K-E-Y^P-Y-T).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

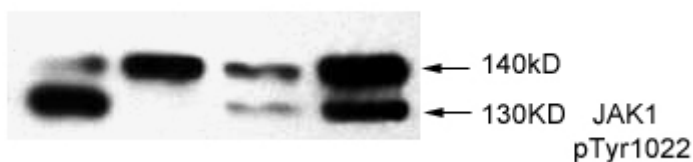
Specificity/Sensitivity: JAK1 (phospho-Tyr1022) antibody detects endogenous levels of JAK1 only when phosphorylated at tyrosine 1022.

Reactivity: Human, Mouse, Rat

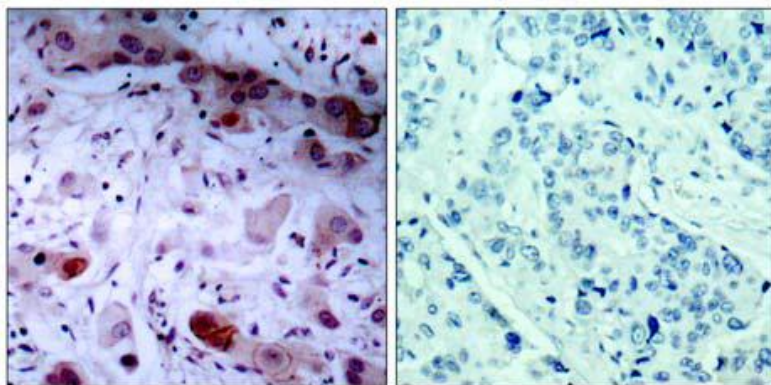
Applications:

Predicted MW: 130kd

WB: 1:500~1:1000 IHC: 1:50~1:100



Western blot analysis of extract from thyroid cancer cell line Bph cells, using JAK1 (phospho-Tyr1022) antibody



P-Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using JAK1 (phospho-Tyr1022) antibody (#11149).

Background :

Janus kinase 1 (JAK1), is a member of a new class of protein-tyrosine kinases (PTK) characterized by the presence of a second phosphotransferase-related domain immediately N-terminal to the PTK domain.

References:

- Zheng H, et al.(2005) Mol Cell Proteomics. 4(6):721-730.
 Wang R, et al.(2003) Arch Biochem Biophys. 410(1): 7-15.