

JAK1 RABBIT PAB

货号: S221451

产品全名: JAK1 兔多抗

基因符号 JTK3; JAK1A; JAK1B

UNIPROT ID: P23458 (Gene Accession - NP_002218)

背景: 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. The second phosphotransferase domain bears all the hallmarks of a protein kinase, although its structure differs significantly from that of the PTK and threonine/serine kinase family members. JAK1 is a large, widely expressed membrane-associated phosphoprotein. JAK1 is involved in the interferon- α /beta and γ signal transduction pathways. The reciprocal interdependence between JAK1 and TYK2 activities in the interferon- α pathway, and between JAK1 and JAK2 in the interferon- γ pathway, may reflect a requirement for these kinases in the correct assembly of interferon receptor complexes. These kinases couple cytokine ligand binding to tyrosine phosphorylation of various known signaling proteins and of a unique family of transcription factors termed the signal transducers and activators of transcription, or STATs.

抗原: Synthetic peptide of human JAK1

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 25-100; ELISA: 500-1000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

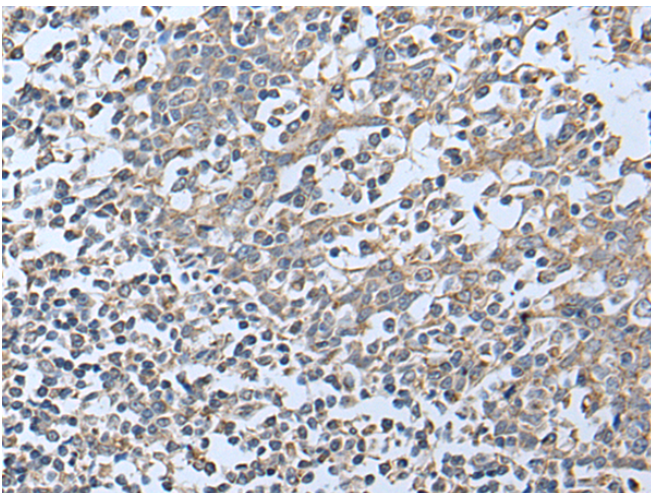
纯化: Antigen affinity purification

种属反应性: Human, Mouse

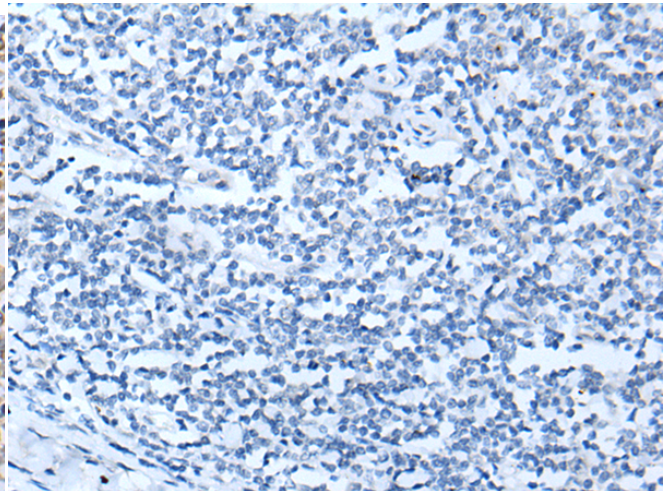
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Signal Transduction, Epigenetics and Nuclear Signaling, Cancer

储存和运输: Store at -20°C . Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221451 (JAK1 Antibody) at a dilution of 1/25 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221451 (Anti-JAK1 Antibody) at dilution 1/25.