

JAK2 (phospho Tyr119) rabbit pAb

Cat No.:ES5972

For research use only

Overview

| Product Name | JAK2 (phospho Tyr119) rabbit pAb |
|--------------------------|--|
| Host species | Rabbit |
| Applications | IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Immunohistochemistry: 1/100 - 1/300. ELISA: |
| | 1/5000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized |
| | peptide derived from human JAK2 around the |
| | phosphorylation site of Tyr119. AA range:81-130 |
| Specificity | Phospho-JAK2 (Y119) Polyclonal Antibody detects |
| | endogenous levels of JAK2 protein only when |
| | phosphorylated at Y119. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and |
| | 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Tyrosine-protein kinase JAK2 |
| Gene Name | JAK2 |
| Cellular localization | Endomembrane system ; Peripheral membrane |
| | protein . Cytoplasm . Nucleus . |
| Purification | The antibody was affinity-purified from rabbit |
| | antiserum by affinity-chromatography using |
| | epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 130kD |
| Human Gene ID | 3717 |
| Human Swiss-Prot Number | O60674 |
| Alternative Names | JAK2; Tyrosine-protein kinase JAK2; Janus kinase 2; |
| | JAK-2 |
| 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 |
| | constituitively associated with the prolactin receptor |
| | |



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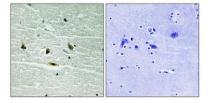
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and is required for responses to gamma interferon. Mice that do not express an active protein for this gene exhibit embryonic lethality associated with the absence of definitive erythropoiesis. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by i





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