

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Phospho-JAK3 (Tyr980/981)



Numéro de catalogue: 29101-1-AP

Informations de base

Numéro de catalogue:

29101-1-AP

Taille:

100ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC028068

Identification du gène (NCBI):

3718

Nom complet:

Janus kinase 3 (a protein tyrosine kinase, Leukocyte)

MW calculé

1124 aa, 125 kDa

MW observés:

125 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

WB, ELISA

Spécificité de l'espèce:

Humain

Contrôles positifs:

WB: IL-4 treated HepG2 cells,

Informations générales

JAK3 belongs to the Janus kinase family of receptor-associated tyrosine kinases located in cytoplasm adjacent to the plasma membrane. Janus kinase family comprise four tyrosine (Tyr) kinases (JAK1, JAK2, JAK3 and Tyk2). In the cytoplasm, JAKs play a pivotal role in signal transduction via its association with type I and type II cytokine receptors, which include receptors for interleukins (ILs), interferons (IFNs), and hormones such as leptin. Interaction of a cytokine with its membrane-bound receptor complex triggers activation of receptor-bound JAKs, which phosphorylate the receptor on key cytoplasmic Tyr residues. These act as docking sites for SH2 domain-mediated interactions with STAT proteins. Receptor-bound STATs are then phosphorylated on conserved Tyr residues within their C terminal domains prior to dissociation from the receptor and formation of homo- or heterodimers. These translocate to the nucleus, bind target gene promoters, and stimulate target gene transcription. (PMID: 30948191)

Stockage

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Stocker à -20 °C

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

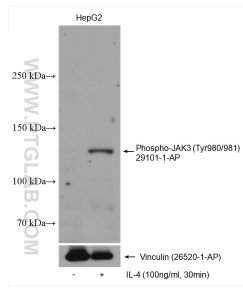
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



Non-treated and IL-4 treated HepG2 cells were subjected to SDS PAGE followed by western blot with 29101-1-AP (Phospho-JAK3 (Tyr980/981) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Vinculin antibody as loading control.