

JAK1 Polyclonal Antibody

Catalog Number:E-AB-93236

Note: Centrifuge before opening to ensure complete recovery of vial contents.

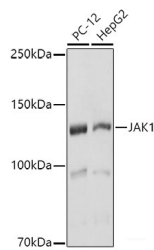
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human JAK1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.01% thiomersal,50% glycerol,pH7.3.

Applications Recommended Dilution

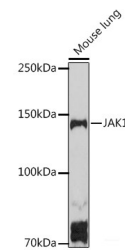
WB	1:500-1:2000
IF	1:50-1:200

Data

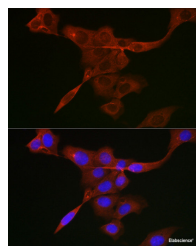


Western blot analysis of extracts of various cell lines using JAK1 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:133KDa
Calculated Mw:133kDa



Western blot analysis of extracts of Mouse lung using JAK1 Polyclonal Antibody at 1:1000 dilution.



Immunofluorescence analysis of U2OS cells using JAK1 Polyclonal Antibody at dilution of 1:300 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage Store at -20°C. Avoid freeze/thaw cycles.

Background

This gene encodes a membrane protein that is a member of a class of protein-tyrosine kinases (PTK) characterized by the presence of a second phosphotransferase-related domain immediately N-terminal to the PTK domain. The encoded kinase phosphorylates STAT proteins (signal transducers and activators of transcription) and plays a key role in interferon-

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alpha/beta and interferon-gamma signal transduction. Alternative splicing results in multiple transcript variants.

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