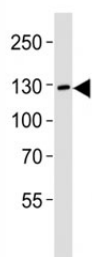


JAK2 Antibody (F52643)

Catalog No.	Formulation	Size
F52643-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52643-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Pig, Chicken
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O60674
Applications	Western Blot : 1:500
Limitations	This JAK2 antibody is available for research use only.



Western blot analysis of lysate from LNCaP cell line using JAK2 antibody diluted at 1:1000. Predicted molecular weight ~130 kDa

Description

JAK2 is a non-receptor tyrosine kinase involved in various processes such as cell growth, development, differentiation or histone modifications. Mediates essential signaling events in both innate and adaptive immunity. In the cytoplasm, plays a pivotal role in signal transduction via its association with type I receptors such as growth hormone (GHR), prolactin (PRLR), leptin (LEPR), erythropoietin (EPOR), thrombopoietin (THPO); or type II receptors including IFN-alpha, IFN-beta, IFN-gamma and multiple interleukins. [UniProt]

Application Notes

Titration of the JAK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This JAK2 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 834-868 amino acids from the C-terminal region of human JAK2.

Storage

Aliquot the JAK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.