

JAK3 (I781) polyclonal antibody

Catalog: BS1671

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Jak3 (Janus Kinase 3) belongs to the family of non-receptor Janus tyrosine kinases, which regulate a spectrum of cellular functions downstream of activated cytokine receptors in the lympho-hematopoietic system. Immunological stimuli, such as interferons and cytokines, induce recruitment of Stat transcription factors to cytokine receptor-associated JAK3. JAK3 then phosphorylates proximal Stat factors, which subsequently dimerize, translocate to the nucleus and bind to cis elements upstream of target gene promoters to regulate transcription.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 115 kDa

Swiss-Prot:

P52333

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:5000

IF: 1:50~1:200

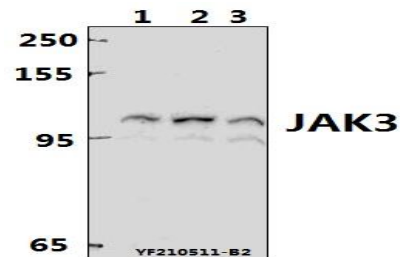
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

JAK3 (I781) polyclonal antibody detects endogenous levels of JAK3 protein.

DATA:

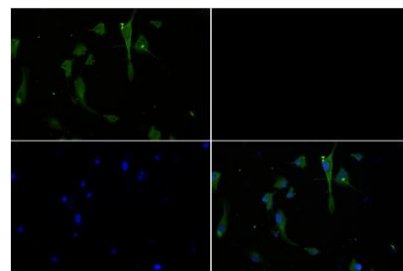


Western blot (WB) analysis of JAK3 (I781) polyclonal antibody at 1:2000 dilution

Lane1:SHSY5Y whole cell lysate(40ug)

Lane2:SP2/0 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)



Immunofluorescence analysis of U-87MG cells using JAK3 (I781) antibody at dilution of 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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