

JAK3 Rabbit Polyclonal Antibody



CAB0748

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

115KDa

Calculated MW:

68kDa/121kDa/125kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein Background

The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease).

Immunogen information

Gene ID:

3718

Uniprot

P52333

Synonyms:

JAK3; JAK-3; JAK3_HUMAN; JAKL; L-JAK; LJAK

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

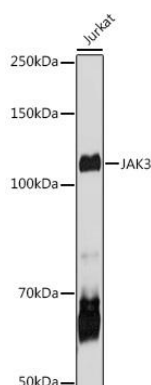
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 750-850 of human JAK3 (NP_000206.2).

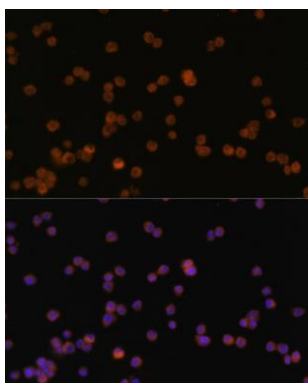
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

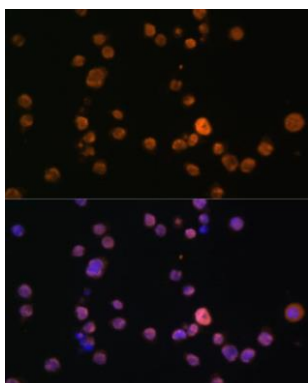
Product Images



Western blot analysis of extracts of Jurkat cells, using JAK3 antibody (CAB0748) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunofluorescence analysis of Raw264.7 cells using JAK3 Polyclonal Antibody (CAB0748) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using JAK3 Polyclonal Antibody (CAB0748) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.