

JAK3 Rabbit Polyclonal Antibody

Catalog No: #53068



Package Size: #53068-1 50ul #53068-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

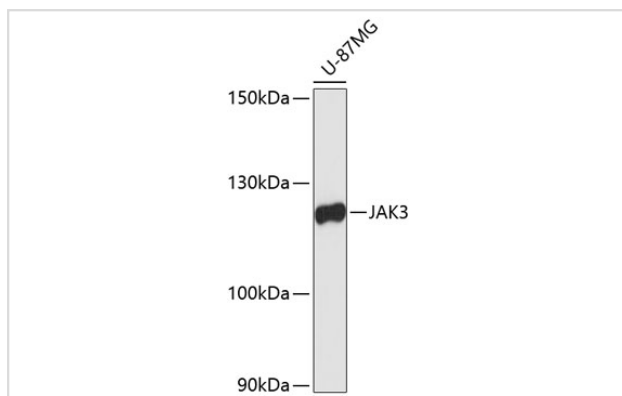
Description

Product Name	JAK3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human JAK3 (NP_000206.2).
Other Names	JAK3;JAK-3;JAK3_HUMAN;JAKL;L-JAK;LJAK
Accession No.	Swiss Prot:P52333GeneID:3718
Calculated MW	68kDa/121kDa/125kDa
SDS-PAGE MW	125kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

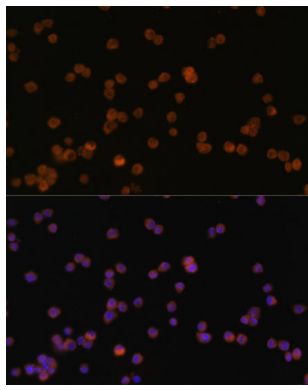
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:100

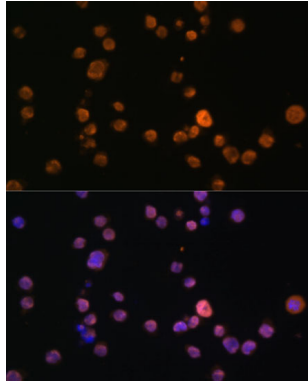
Images



Western blot analysis of extracts of U-87MG cells, using JAK3 at 1:1000 dilution.



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



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

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.