

JAK3 Rabbit pAb

Catalog No.: A0748

3 Publications

Basic Information

Observed MW

115kDa

Calculated MW

125kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human

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).

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

3718

Swiss Prot

P52333

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 350-530 of JAK3 (NP_000206.2).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

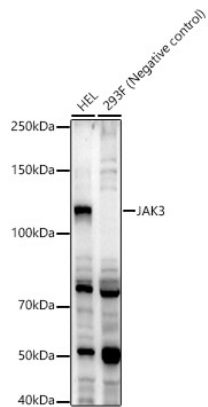
Affinity purification

Storage

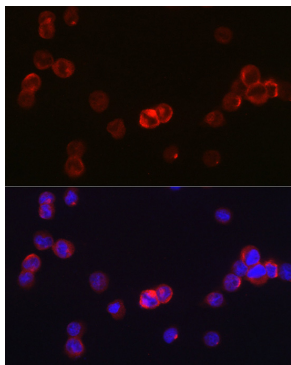
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using JAK3 Rabbit pAb (A0748) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 60s.



Immunofluorescence analysis of TF-1 cells using JAK3 Rabbit pAb (A0748) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.