

# Phospho-Jak3-Y980/981 Rabbit pAb

Catalog No.: AP0532 **1 Publications**

## Basic Information

### Observed MW

110kDa

### Calculated MW

125kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## 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** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

3718

### Swiss Prot

P52333

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

JAKL; LJAK; JAK-3; L-JAK; JAK3\_HUMAN; Phospho-Jak3-Y980/981

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

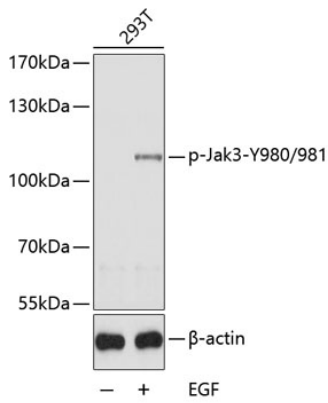
### Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

## Validation Data

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Western blot analysis of lysates from 293T cells, using Phospho-Jak3-Y980/981 Rabbit pAb (AP0532).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% BSA.