

**Product Name: Phospho-JAK3 (Tyr785) Rabbit Polyclonal Antibody**  
**Catalog #: APRab00826**

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## Summary

<b>Production Name</b>	Phospho-JAK3 (Tyr785) Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	JAK3
<b>Alternative Names</b>	JAK3; Tyrosine-protein kinase JAK3; Janus kinase 3; JAK-3; Leukocyte janus kinase; L-JAK
<b>Gene ID</b>	3718
<b>SwissProt ID</b>	P52333

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000
<b>Molecular Weight</b>	Calculated MW: 125 kDa; Observed MW: 125 kDa

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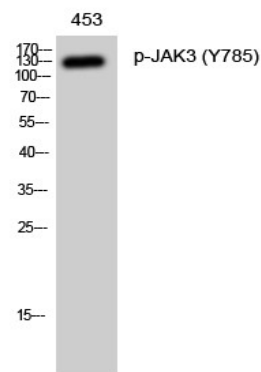
## Background

Tyrosine kinase of the non-receptor type, involved in the interleukin-2 and interleukin-4 signaling pathway. Phosphorylates STAT6, IRS1, IRS2 and PI3K.

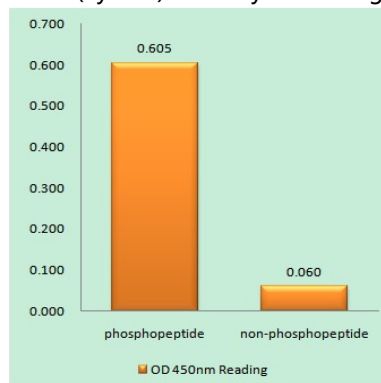
## Research Area

Signal Transduction

## Image Data

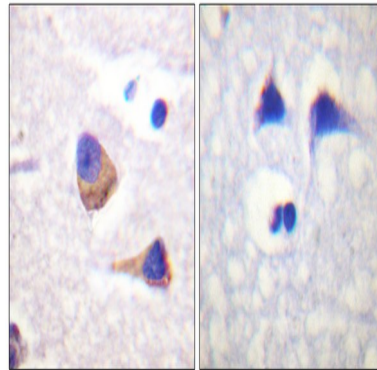


Western blot analysis of Phospho-JAK3 (Tyr785) in 453 lysates using Phospho-JAK3 (Tyr785) antibody.

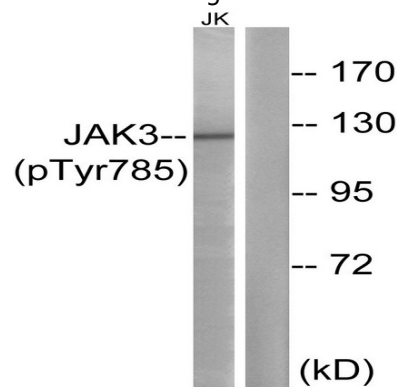


EnzymeLinked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phospho-peptide (Phospho-left) and NonPhospho-peptide (Phospho-right), using JAK3 (Phospho-Tyr785) antibody.

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Immunohistochemistry analysis of paraffin-embedded Human brain using JAK3 (Phospho-Tyr785) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of Phospho-JAK3 (Tyr785) in Jurkat lysates using Phospho-JAK3 (Tyr785) antibody. The lane on the right is blocked with the Phospho-peptide.

## Note

For research use only.