

**JAK3 (phospho Tyr785) rabbit pAb****Cat#: orb768850 (Manual)**

For research use only. Not intended for diagnostic use.

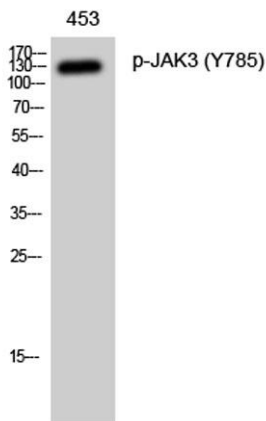
<b>Product Name</b>	JAK3 (phospho Tyr785) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human JAK3 around the phosphorylation site of Tyr785. AA range:751-800
<b>Specificity</b>	Phospho-JAK3 (Y785) Polyclonal Antibody detects endogenous levels of JAK3 protein only when phosphorylated at Y785.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Tyrosine-protein kinase JAK3
<b>Gene Name</b>	JAK3
<b>Cellular localization</b>	Endomembrane system ; Peripheral membrane protein . Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

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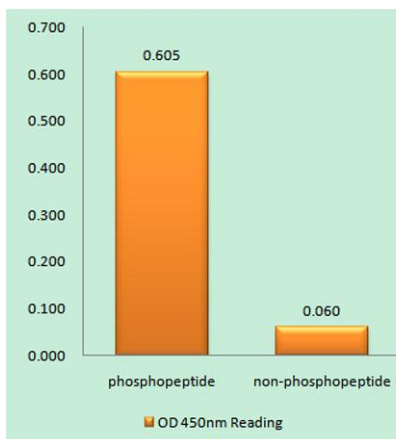
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	125kD
<b>Human Gene ID</b>	3718
<b>Human Swiss-Prot Number</b>	P52333
<b>Alternative Names</b>	JAK3; Tyrosine-protein kinase JAK3; Janus kinase 3; JAK-3; Leukocyte janus kinase; L-JAK

**Background**

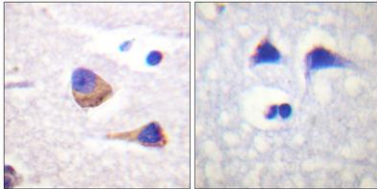
The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease). [provided by RefSeq, Jul 2008],



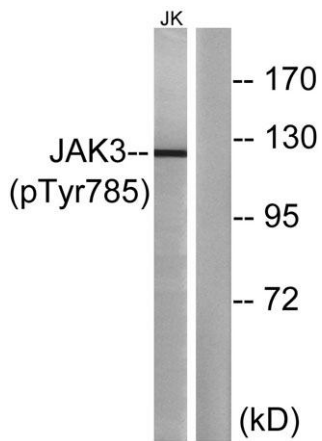
**Western Blot analysis of 453 cells using Phospho-JAK3 (Y785) Polyclonal Antibody diluted at 1:1000**



**Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using JAK3 (Phospho-Tyr785) Antibody**



**Immunohistochemistry analysis of paraffin-embedded human brain, using JAK3 (Phospho-Tyr785) Antibody. The picture on the right is blocked with the phospho peptide.**



**Western blot analysis of lysates from Jurkat cells, using JAK3 (Phospho-Tyr785) Antibody. The lane on the right is blocked with the phospho peptide.**