

JAK3 (phospho Tyr785) rabbit pAb

Cat No.:ES5975

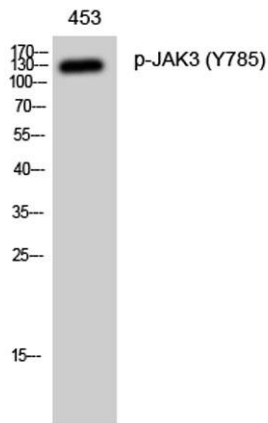
For research use only

Overview

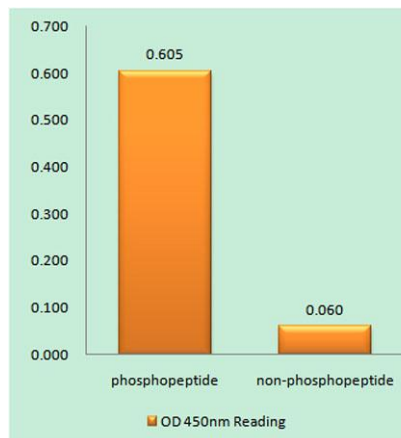
Product Name	JAK3 (phospho Tyr785) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human JAK3 around the phosphorylation site of Tyr785. AA range:751-800
Specificity	Phospho-JAK3 (Y785) Polyclonal Antibody detects endogenous levels of JAK3 protein only when phosphorylated at Y785.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tyrosine-protein kinase JAK3
Gene Name	JAK3
Cellular localization	Endomembrane system ; Peripheral membrane protein . Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	125kD
Human Gene ID	3718
Human Swiss-Prot Number	P52333
Alternative Names	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],

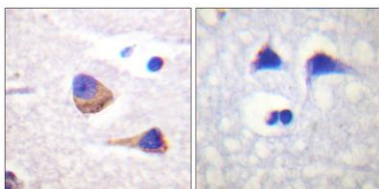


Western Blot analysis of 453 cells using Phospho-JAK3 (Y785) Polyclonal Antibody diluted at 1:1000



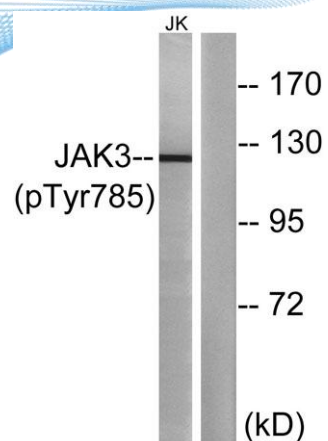
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using JAK3 (Phospho-Tyr785) Antibody

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





ELK Biotechnology



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



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C.