For research purposes only, not for human use

Product Data Sheet

Anti-JAK3 (Phospho-Y785) Antibody

Catalog #	Source	Reactivity	Applications
CPA6035	Rabbit	H, M, Mk	WB, IH

Description	Rabbit polyclonal antibody to JAK3 (Phospho-Y785)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y785 of human JAK3 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of JAK3 protein only when phosphorylated at Y785.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200)
Gene Symbol	JAK3
Alternative Names	Tyrosine-protein kinase JAK3; Janus kinase 3; JAK-3; Leukocyte janus kinase; L-JAK
Entrez Gene	3718 (Human); 16453 (Mouse)
SwissProt	P52333 (Human); Q62137 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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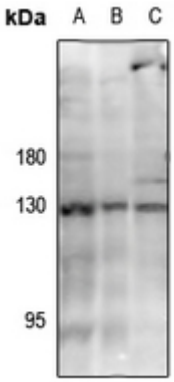
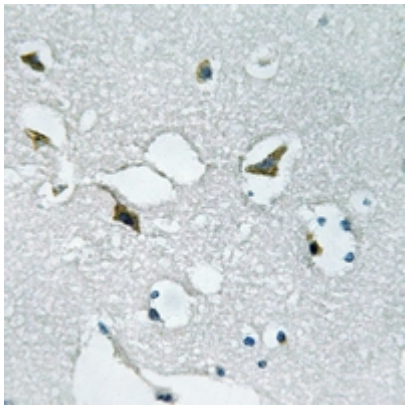


Western blot analysis of JAK3 (Phospho-Y785) expression in Myla2059 (A), K562 (B), Jurkat (C) whole cell lysates. (Predicted band size: 125 kD; Observed band size: 125 kD)



Immunohistochemical analysis of JAK3 (Phospho-Y785) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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