For research purposes only, not for human use

Product Data Sheet

Anti-JAK1 (Phospho-Y1022) Antibody

Catalog #	Source	Reactivity	Applications
CPA1626	Rabbit	H, M, R, B, C, D, P	WB, IH

Description	Rabbit polyclonal antibody to JAK1 (Phospho-Y1022)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y1022 of human JAK1 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of JAK1 protein only when phosphorylated at Y1022.
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 (1/100 - 1/200)
Gene Symbol	JAK1
Alternative Names	JAK1A; JAK1B; Tyrosine-protein kinase JAK1; Janus kinase 1; JAK-1
Entrez Gene	3716 (Human)
SwissProt	P23458 (Human); P52332 (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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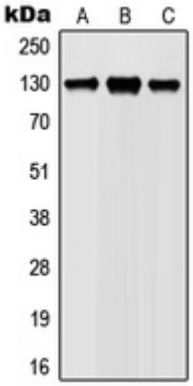
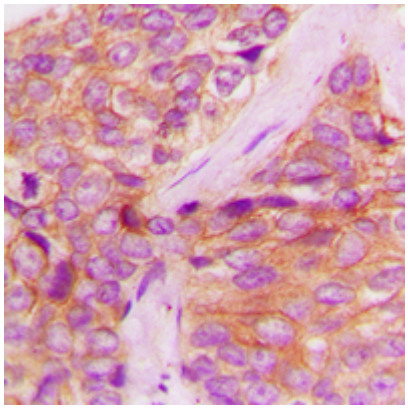


Western blot analysis of JAK1 (Phospho-Y1022) expression in HEK293T (A), AD293 (B), Hela (C) whole cell lysates. (Predicted band size: 133 kD; Observed band size: 130 kD)



Immunohistochemical analysis of JAK1 (Phospho-Y1022) staining in human breast cancer 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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