

Product Data Sheet

Anti-STAT5 Antibody

Catalog #	Source	Reactivity	Applications
CPA2115	Rabbit	H, B, C, D, P, S	WB, IH, IP
Description	Rabbit polyclonal antibody to STAT5		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human STAT5. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of STAT5 protein.		
Clonality	Polyclonal		
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), IP (1/10 - 1/100)		
Gene Symbol	STAT5A; STAT5B		
Alternative Names	STAT5A; STAT5; Signal transducer and activator of transcription 5A; STAT5B; Signal transducer and activator of transcription 5B		
Entrez Gene	6776, 6777 (Human)		
SwissProt	P42229, P51692 (Human)		
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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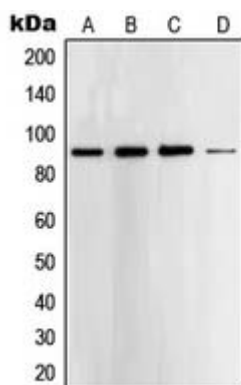
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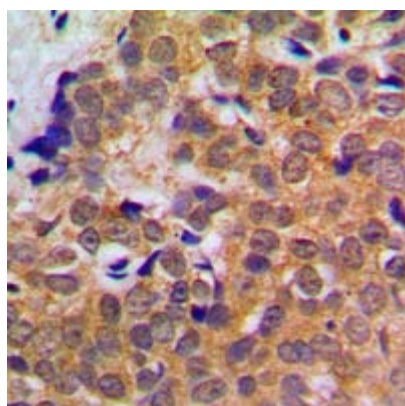
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Western blot analysis of STAT5 expression in A431 (A), K562 (B), HeLa (C), NIH3T3 (D) whole cell lysates.



Immunohistochemical analysis of STAT5 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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