

Anti-CDC25A (Phospho-S178) Antibody

Catalog #	Source	Reactivity	Applications
CPA4594	Rabbit	H	WB, IH
Description	Rabbit polyclonal antibody to CDC25A (Phospho-S178)		
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S178 of human CDC25A protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CDC25A protein only when phosphorylated at S178.		
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	CDC25A		
Alternative Names	M-phase inducer phosphatase 1; Dual specificity phosphatase Cdc25A		
Entrez Gene	993 (Human)		
SwissProt	P30304 (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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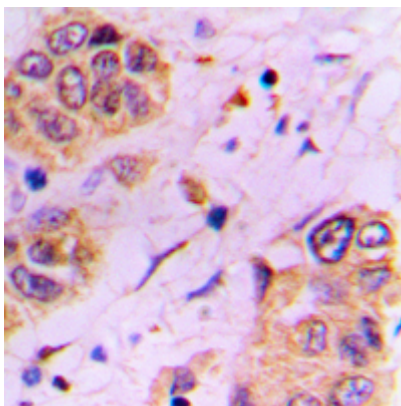
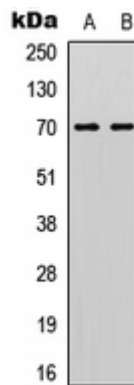
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Product Data Sheet



Western blot analysis of CDC25A (Phospho-S178) expression in HEK293T UV-treated (A), HeLa UV-treated (B) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 70 kD)

Immunohistochemical analysis of CDC25A (Phospho-S178) staining in human prostate 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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