

Product Data Sheet

Anti-CHK1 (pS286) Antibody

Catalog #	Source	Reactivity	Applications
CPA1223	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to CHK1 (pS286)		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CHK1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of CHK1 (pS286) 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)		
Gene Symbol	CHEK1		
Alternative Names	CHK1; Serine/threonine-protein kinase Chk1; CHK1 checkpoint homolog; Cell cycle checkpoint kinase; Checkpoint kinase-1		
Entrez Gene	1111 (Human); 12649 (Mouse); 140583 (Rat)		
SwissProt	O14757 (Human); O35280 (Mouse); Q91ZN7 (Rat)		
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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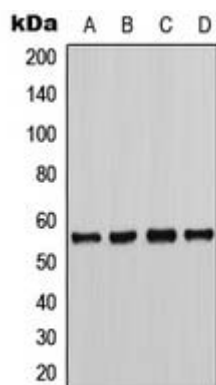
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Western blot analysis of CHK1 (pS286) expression in HeLa (A), K562 (B), NIH3T3 (C), H9C2 (D) whole cell lysates.

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