For research purposes only, not for human use

Product Data Sheet

Anti-CDK2 (Phospho-T160) Antibody

Catalog #	Source	Reactivity	Applications
CPA6515	Rabbit	H, M	WB, IH

Description	Rabbit polyclonal antibody to CDK2 (Phospho-T160)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T160 of human CDK2 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CDK2 protein only when phosphorylated at T160.
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	CDK2
Alternative Names	CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 protein kinase
Entrez Gene	1017 (Human); 12566 (Mouse)
SwissProt	P24941 (Human); P97377 (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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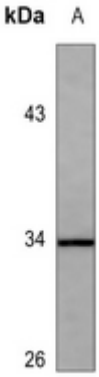
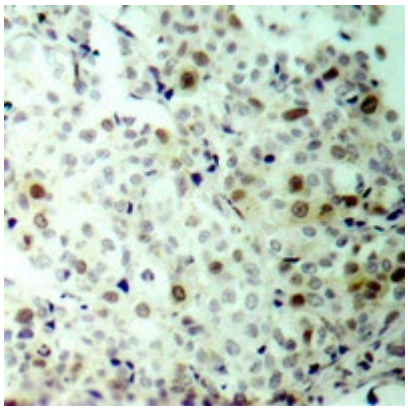


Western blot analysis of CDK2 (Phospho-T160) expression in mouse muscle (A) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 34 kD)



Immunohistochemical analysis of CDK2 (Phospho-T160) 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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