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Product Data Sheet

Anti-Cyclin D1 (Phospho-T288) Antibody

Catalog #	Source	Reactivity	Applications
CPA5775	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to Cyclin D1 (Phospho-T288)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T288 of human Cyclin D1 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Cyclin D1 protein only when phosphorylated at T288.
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 - 1/100)
Gene Symbol	CCND1
Alternative Names	BCL1; PRAD1; G1/S-specific cyclin-D1; B-cell lymphoma 1 protein; BCL-1; BCL-1 oncogene; PRAD1 oncogene
Entrez Gene	595 (Human); 12443 (Mouse); 58919 (Rat)
SwissProt	P24385 (Human); P25322 (Mouse); P39948 (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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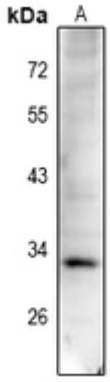
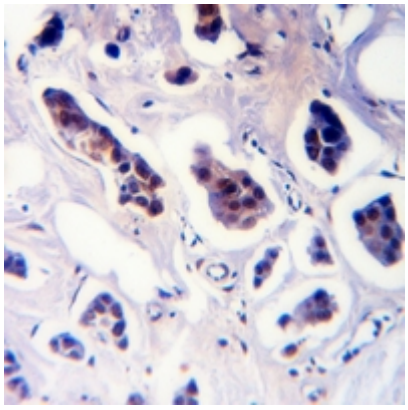


Western blot analysis of Cyclin D1 (Phospho-T288) expression in HCT116 (A) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 33 kD)



Immunohistochemical analysis of Cyclin D1 (Phospho-T288) 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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