For research purposes only, not for human use

Product Data Sheet

Anti-Cyclin E1 (Phospho-T395) Antibody

Catalog #	Source	Reactivity	Applications
CPA3161	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to Cyclin E1 (Phospho-T395)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T395 of human Cyclin E1 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Cyclin E1 protein only when phosphorylated at T395.
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	CCNE1
Alternative Names	CCNE; G1/S-specific cyclin-E1
Entrez Gene	898 (Human); 12447 (Mouse)
SwissProt	P24864 (Human); Q61457 (Mouse); P39949 (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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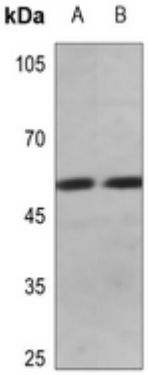
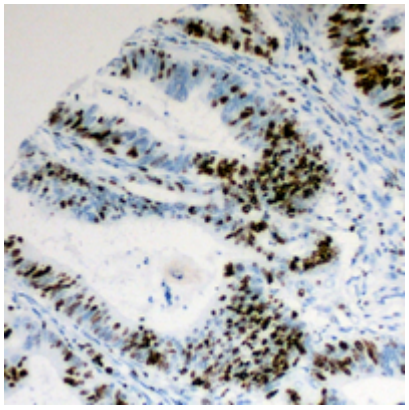


Western blot analysis of Cyclin E1 (Phospho-T395) expression in mouse kidney (A), rat kidney (B) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 50 kD)



Immunohistochemical analysis of Cyclin E1 (Phospho-T395) staining in human colon 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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