

Cyclin E1 (phospho-T395) polyclonal antibody

Catalog: BCP00605

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cyclins were first identified in invertebrates as proteins that oscillate dramatically through the cell cycle. These proteins have been well conserved through evolution and play a critical role in regulation of cell division. cyclin E, along with the three cyclin D proteins and cyclin C, has been shown to represent a putative G1 cyclin on the basis of its cyclic pattern of mRNA expression, with maximal levels being detected near the G1/S boundary. cyclin E has been found to be associated with the transcription factor E2F in a temporally regulated manner.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 48 kDa

Swiss-Prot:

P24864

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

Storage&Stability:

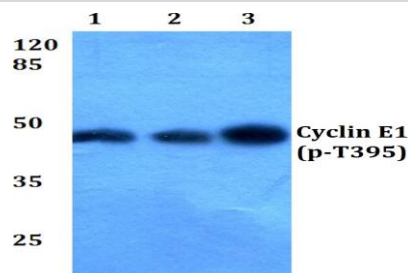
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-Cyclin E1 (T395) polyclonal antibody detects endoge-

nous levels of Cyclin E1 protein only when phosphorylated at Thr395

DATA:



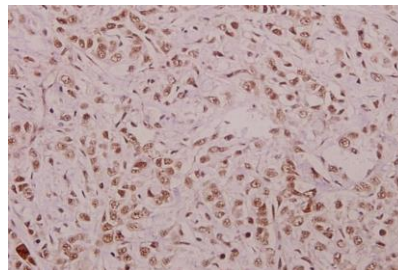
Western blot (WB) analysis of p-Cyclin E1 (T395) pAb at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)

Lane4:BV2 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-Cyclin E1 (T395) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.