

Cdc37 (H9) polyclonal antibody

Catalog: BS1735

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cdc25A, Cdc25B and Cdc25C protein tyrosine phosphatases function as mitotic activators by dephosphorylating Cdc2 p34 on regulatory tyrosine residues. Cdc6 is the human homolog of *Saccharomyces cerevisiae* Cdc6, which is involved in the initiation of DNA replication. Cdc37 appears to facilitate Cdk4/cyclin D1 complex formation and has been shown to form a stable complex with HSP 90. Cdc34, Cdc27 and Cdc16 function as ubiquitin-conjugating enzymes. Cdc34 is thought to be the structural and functional homolog of *Saccharomyces cerevisiae* Cdc34, which is essential for the G1 to S phase transition. Cdc16 and Cdc27 are components of the APC (anaphase promoting complex) which ubiquitinates cyclin B, resulting in cyclin B/Cdk complex degradation..

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 44 kDa

Swiss-Prot:

Q16543

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

IF: 1:50~1:200

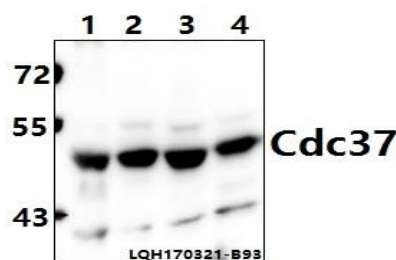
Storage&Stability:

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

Specificity:

Cdc37 (H9) polyclonal antibody detects endogenous levels of Cdc37 protein.

DATA:



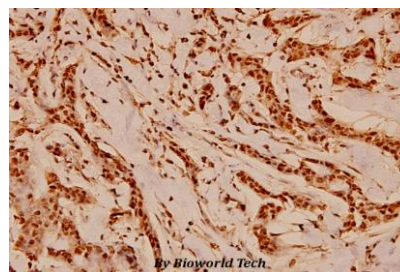
Western blot (WB) analysis of Cdc37 (H9) polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate (40ug)

Lane2: HeLa whole cell lysate (40ug)

Lane3: C6 whole cell lysate (40ug)

Lane4: MEF whole cell lysate (40ug)



Immunohistochemistry (IHC) analysis of Cdc37 (H9) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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