

CDC6

Reactivity: Human

Tested applications: WB IHC

Recommended Dilution: WB 1:200 - 1:1000 IHC 1:25 - 1:100

Calculated MW: 63kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human CDC6

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CDC18L; HsCDC6; HsCDC18;

Catalog #: A2860

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 990

Isotype: IgG

Swiss Prot: Q99741

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is highly similar to *Saccharomyces cerevisiae* Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early steps of DNA replication. It localizes in cell nucleus during cell cycle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cycle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins.

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