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Anti-CDC6 Antibody

Rabbit polyclonal antibody to CDC6
Catalog # AP60739

Product Information

Application	WB, IHC
Primary Accession	Q99741
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62720

Additional Information

Gene ID	990
Other Names	CDC18L; Cell division control protein 6 homolog; CDC6-related protein; Cdc18-related protein; HsCdc18; p62(cdc6); HsCDC6
Target/Specificity	Recognizes endogenous levels of CDC6 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

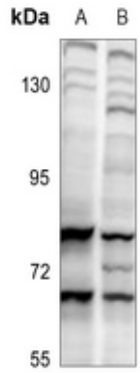
Protein Information

Name	CDC6
Synonyms	CDC18L
Function	Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated.
Cellular Location	Nucleus. Cytoplasm Note=The protein is nuclear in G1 and cytoplasmic in S-phase cells (PubMed:9566895).

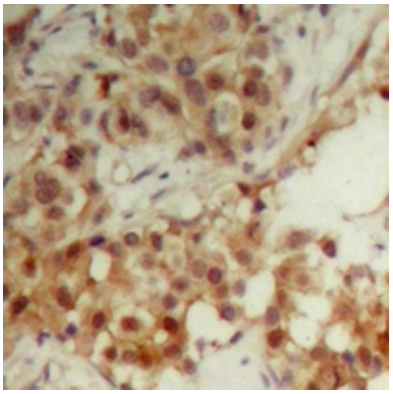
Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CDC6. The exact sequence is proprietary.

Images



Western blot analysis of CDC6 expression in HEK293T (A), A549 (B) whole cell lysates.



Immunohistochemical analysis of CDC6 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.