

CDC6 Antibody (internal region)

Peptide-affinity purified goat antibody Catalog # AF3170a

Specification

CDC6 Antibody (internal region) - Product Information

Application WB, E
Primary Accession Q99741

Other Accession <u>NP_001245.1</u>, <u>990</u>

Reactivity
Host
Clonality
Concentration

Human
Goat
Polyclonal
O.5 mg/ml

Isotype IgG
Calculated MW 62720

CDC6 Antibody (internal region) - Additional Information

Gene ID 990

Other Names

Cell division control protein 6 homolog, CDC6-related protein, Cdc18-related protein, HsCdc18, p62(cdc6), HsCDC6, CDC6, CDC18L

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CDC6 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

CDC6 Antibody (internal region) - 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

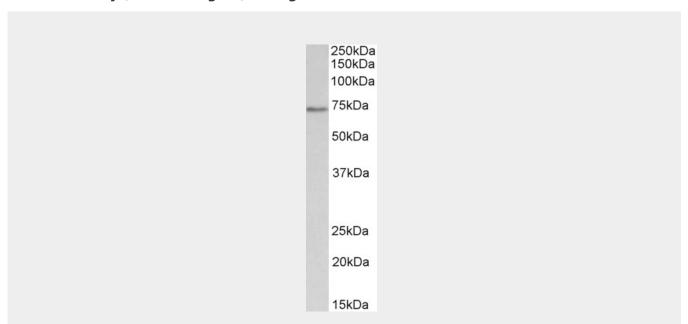
Nucleus. Cytoplasm Note=The protein is nuclear in G1 and cytoplasmic in S-phase cells (PubMed:9566895).

CDC6 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CDC6 Antibody (internal region) - Images



AF3170a (0.01 μ g/ml) staining of nuclear Jurkat lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

CDC6 Antibody (internal region) - References

ATR (AT mutated Rad3 related) activity stabilizes Cdc6 and delays G2/M-phase entry during hydroxyurea-induced S-phase arrest of HeLa cells. Liu L, Choi JH, Yim H, Choi JS, Park BD, Cho SJ, Lee SK, The international journal of biochemistry & cell biology 2009 Jun 41 (6): 1410-20. PMID: 19154794