Phospho-Cdc6 (S54) Antibody
Rabbit mAb
Catalog # AP90926

Specification

Phospho-Cdc6 (S54) Antibody - Product Information

Application	**WB, ICC**
Primary Accession	[Q99741](Q99741)
Clonality	**Monoclonal**
Other Names	

CDC6; CDC18L; CDC6-related protein; Cdc18-related protein; HsCDC6; HsCDC18; p62(cdc6);

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**62720 Da**

Phospho-Cdc6 (S54) Antibody - Additional Information

Dilution	**WB~~1:1000**
	ICC~~N/A
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human Phospho-Cdc6 (S54)**
Description	**Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated.Cdc6 has recently been shown to play an important role in the intra-S-phase p21 Waf1/Cip1-dependent DNA damage response. Both cdc6 and CDT1 are degraded by the ubiquitin proteasome pathway in response to DNA damage associated with re-replication.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

Phospho-Cdc6 (S54) Antibody - 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).

Phospho-Cdc6 (S54) Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Phospho-Cdc6 (S54) Antibody - Images
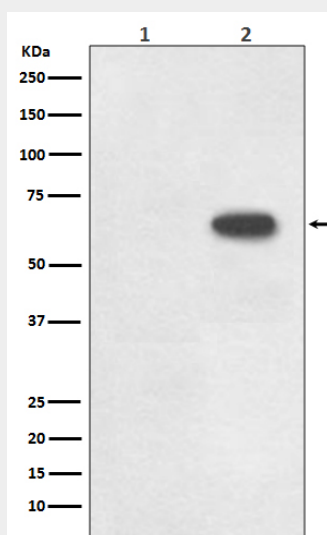
Western blot analysis of Phospho-Cdc6 (S54) expression in (1) Raji cell lysate; (2) Raji + FBS cell lysate.