

## Rabbit anti-Human CDC6 Polyclonal Antibody | anti-CDC6 antibody

CDC6 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA303314</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

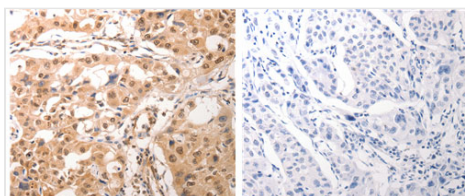
### PRODUCT SYNONYMS

CDC6; Polyclonal Antibody; CDC6 Antibody; cell division cycle 6 homolog (S. cerevisiae); CDC18L; HsCDC6; HsCDC18; anti-CDC6 antibody

### PRODUCT SPECIFICATIONS

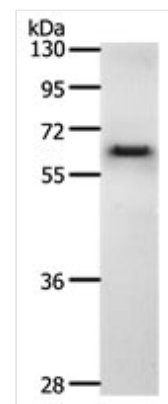
|                                                |                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                            |
| Reactivity                                     | Human                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                        |
| Specificity                                    | The antibody detects endogenous level of total CDC6 protein.                                                                      |
| Form/Format                                    | Supplied at 0.8mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.           |
| Sequence Length                                | 560                                                                                                                               |
| Applicable Applications for anti-CDC6 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                              |
| Immunogen Type                                 | Peptide-KLH                                                                                                                       |
| Immunogen Description                          | Synthetic peptide corresponding to a region derived from 18-32 amino acids of human cell division cycle 6 homolog (S. cerevisiae) |
| Target Name                                    | CDC6                                                                                                                              |
| Preparation and Storage                        | Store at -20 degree C/1 year                                                                                                      |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human lung cancer tissue using 31169(CDC6 Antibody) at dilution 1/25, on the right is treated with the synthetic peptide.



#### Application Data

Gel: 10%SDS-PAGE Lysate: 40 ug K562 cell lysate Primary antibody: 1/200 dilution  
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 2 minutes

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDC6 antibody | 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. |
| Product Categories/Family for anti-CDC6 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 4502703                                 |
| NCBI GeneID                      | 990                                     |
| NCBI Accession #                 | NP_001245.1                             |
| NCBI GenBank Nucleotide #        | NM_001254.3                             |
| Molecular Weight                 | 62,720 Da                               |
| NCBI Official Full Name          | cell division control protein 6 homolog |
| NCBI Official Synonym Full Names | cell division cycle 6                   |
| NCBI Official Symbol             | CDC6                                    |
| NCBI Official Synonym Symbols    | CDC18L; HsCDC6; HsCDC18                 |
| NCBI Protein Information         | cell division control protein 6 homolog |
| UniProt Protein Name             | Cell division control protein 6 homolog |
| UniProt Gene Name                | CDC6                                    |
| UniProt Synonym Gene Names       | CDC18L; HsCdc18; HsCDC6                 |
| UniProt Entry Name               | CDC6_HUMAN                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdc6-antibody-immunohistochemistry-western-blot-elisa/303314>