

## Rabbit CDC26 Polyclonal Antibody | anti-CDC26 antibody

CDC26 Antibody

| CATALOG # | HOST   | REACTIVITY                                                                             | APPLICATIONS |
|-----------|--------|----------------------------------------------------------------------------------------|--------------|
| AAA328806 | Rabbit | Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken | Western Blot |

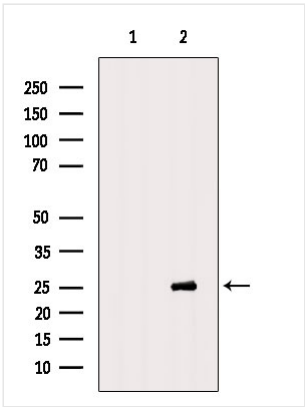
### PRODUCT SYNONYMS

CDC26; Polyclonal Antibody; CDC26 Antibody; ANAPC12; Anaphase promoting complex subunit 12; Anaphase promoting complex subunit CDC26; APC12; BWK 2; C9orf17; Cdc26; CDC26 subunit of anaphase promoting complex; Cell division cycle 26; Cell division cycle 26 homolog (S. cerevisiae); Cell division cycle protein 26 homolog; Chromosome 9 open reading frame 17; Hcn1; OTTMUSP00000015243; OTTMUSP00000015244; Protein BWK 2; anti-CDC26 antibody

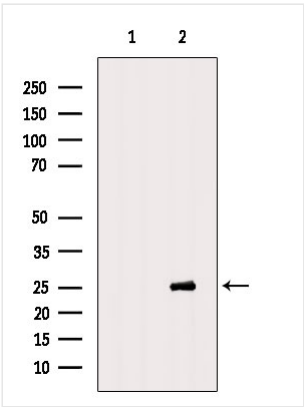
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                   |
| Reactivity                                      | Human, Mouse, Rat<br>Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken                               |
| Clonality                                       | Polyclonal                                                                                                               |
| Isotype                                         | IgG                                                                                                                      |
| Specificity                                     | CDC26 Antibody detects endogenous levels of CDC26.                                                                       |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific). |
| Form/Format                                     | Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                              |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                   |
| Sequence Length                                 | 85                                                                                                                       |
| Applicable Applications for anti-CDC26 antibody | WB (Western Blot)                                                                                                        |
| Immunogen                                       | A synthesized peptide derived from human CDC26.                                                                          |
| Fragment                                        | Fab Fragment                                                                                                             |
| Conjugate                                       | Unconjugated                                                                                                             |
| Subcellular Location                            | Nucleus                                                                                                                  |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                                                        |

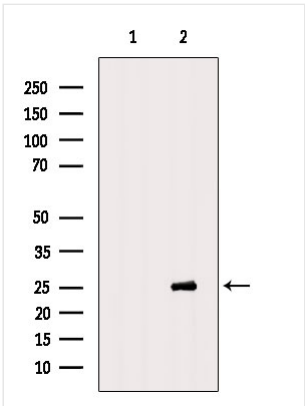
IMAGES



**WB (Western Blot)**  
Western blot analysis of extracts from Mouse lung, using CDC26 Antibody. The lane on the left was treated with blocking peptide.Observed bands: 20 kDa.



**WB (Western Blot)**  
Western blot analysis of extracts from HeLa cells, using CDC26 Antibody. The lane on the left was treated with blocking peptide.



**IF (Immunofluorescence)**  
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDC26 antibody | Description: Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. May recruit the E2 ubiquitin-conjugating enzymes to the complex. |
|                                                     | Subunit Structure: V-shaped homodimer. Interacts with CDC16. The mammalian APC/C is composed of 14 distinct subunits that assemble into a complex of at least 19 chains with a combined molecular mass of around 1.2 MDa.                                                                                                                                                                                                                                                                                                                     |
|                                                     | Similarity: Belongs to the CDC26 family.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 21281671    |
| NCBI GeneID               | 246184      |
| NCBI Accession #          | NP_644815.1 |
| NCBI GenBank Nucleotide # | NP_644815.1 |

|                                  |                                          |
|----------------------------------|------------------------------------------|
| UniProt Accession #              | <a href="#">Q8NHZ8</a>                   |
| Molecular Weight                 | Observed: 10 kDa<br>Predicted: 10 kDa    |
| NCBI Official Full Name          | anaphase-promoting complex subunit CDC26 |
| NCBI Official Synonym Full Names | cell division cycle 26                   |
| NCBI Official Symbol             | CDC26                                    |
| NCBI Official Synonym Symbols    | APC12; ANAPC12; C9orf17                  |
| NCBI Protein Information         | anaphase-promoting complex subunit CDC26 |
| UniProt Protein Name             | Anaphase-promoting complex subunit CDC26 |
| UniProt Gene Name                | <b>CDC26</b>                             |
| UniProt Synonym Gene Names       | ANAPC12; C9orf17; APC12                  |
| UniProt Entry Name               | CDC26_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/cdc26-antibody-western-blot-elisa/328806>