

## Rabbit CDC25C Polyclonal Antibody | anti-CDC25C antibody

Rabbit anti-CDC25C Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA222584 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

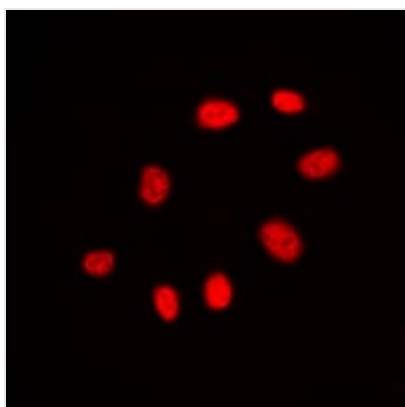
### PRODUCT SYNONYMS

CDC25C; Polyclonal Antibody; Rabbit anti-CDC25C Antibody; M-phase inducer phosphatase 3; Dual specificity phosphatase Cdc25C; anti-CDC25C antibody

### PRODUCT SPECIFICATIONS

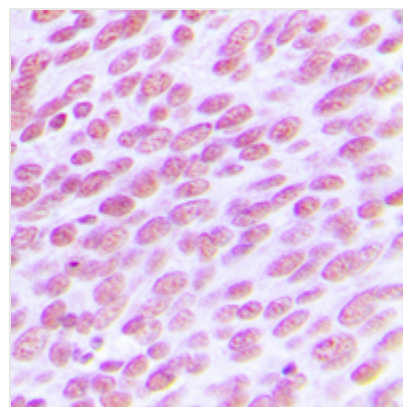
|                                                  |                                                                                                                                       |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                            |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                                       |
| Form/Format                                      | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                             |
| Concentration                                    | 1mg/mL (varies by lot)                                                                                                                |
| Applicable Applications for anti-CDC25C antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDC25C. The exact sequence is proprietary. |
| Preparation and Storage                          | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                             |

### IMAGES



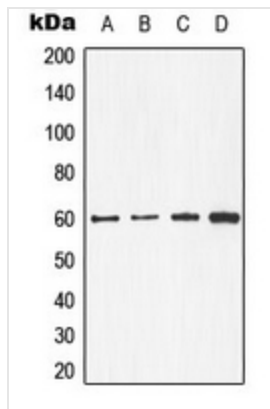
#### IF (Immunofluorescence)

Immunofluorescent analysis of CDC25C staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of CDC25C 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.



#### WB (Western Blot)

Western blot analysis of CDC25C expression in A431 (A), MCF7 (B), mouse kidney (C), rat heart (D) whole cell lysates.

### ADDITIONAL INFORMATION

Product Categories/Family for anti-CDC25C antibody

Primary antibodies

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 125625350                                                                                                                                                            |
| NCBI GeneID                      | 995                                                                                                                                                                  |
| NCBI Accession #                 | NP_001781.2                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_001790.3                                                                                                                                                          |
| UniProt Accession #              | P30307; P48967                                                                                                                                                       |
| Molecular Weight                 | 53,365 Da                                                                                                                                                            |
| NCBI Official Full Name          | M-phase inducer phosphatase 3 isoform a                                                                                                                              |
| NCBI Official Synonym Full Names | cell division cycle 25C                                                                                                                                              |
| NCBI Official Symbol             | CDC25C                                                                                                                                                               |
| NCBI Official Synonym Symbols    | CDC25; PPP1R60                                                                                                                                                       |
| NCBI Protein Information         | M-phase inducer phosphatase 3; mitosis inducer CDC25; phosphotyrosine phosphatase; dual specificity phosphatase CDC25C; protein phosphatase 1, regulatory subunit 60 |
| UniProt Protein Name             | M-phase inducer phosphatase 3                                                                                                                                        |
| UniProt Gene Name                | <b>CDC25C</b>                                                                                                                                                        |
| UniProt Entry Name               | MPIP3_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/cdc25c-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222584>