# CDC25A Rabbit Polyclonal Antibody

**CAB1173**

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

59kDa

**Calculated MW:**

54kDa/59kDa

**Applications:**

WB IHC IF

**Reactivity:**

Human, Mouse, Rat

## Antibody Information

**Recommended dilutions:**
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Source:**
Rabbit

**Isotype:**
IgG

**Purification:**
Affinity purification

## Protein Background

CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

**Gene ID:**
993

**Uniprot**
P30304

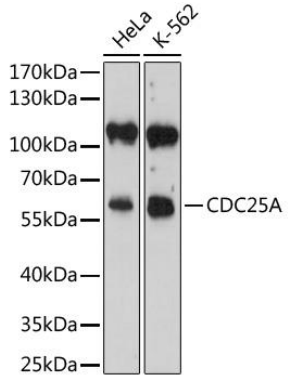
**Synonyms:**
CDC25A; CDC25A2

**Immunogen:**
Recombinant fusion protein containing a sequence corresponding to amino acids 235-484 of human CDC25A (NP_963861.1).

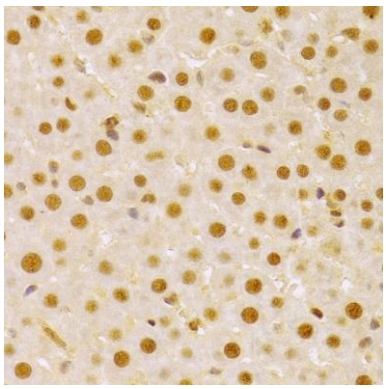
**Storage:**
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

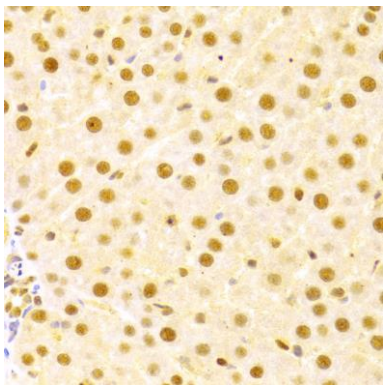
**Product Images**



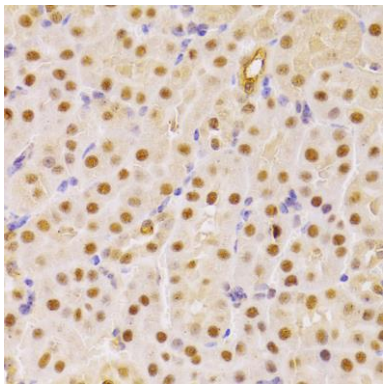

Western blot analysis of extracts of various cell lines, using CDC25A antibody (CAB1173) at 1:800 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat liver using CDC25A antibody (CAB1173) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver damage using CDC25A antibody (CAB1173) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using CDC25A antibody (CAB1173) at dilution of 1:100 (40x lens).