

## CDC25A Antibody

**CAB1173**

### Description

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This CDC25A Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB1173

**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** CDC25A2, CDC25A

**Clone:** -

**Applications:** **WB** **IHC-P** **IF/ICC** **ELISA**

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 993

**Uniprot:** AB\_2758722

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 70kDa

**Calculated MW:** 59kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

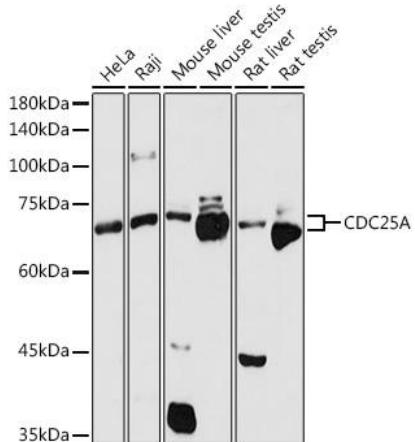
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa, Raji, Mouse liver, Mouse testis, Rat liver, Rat testis

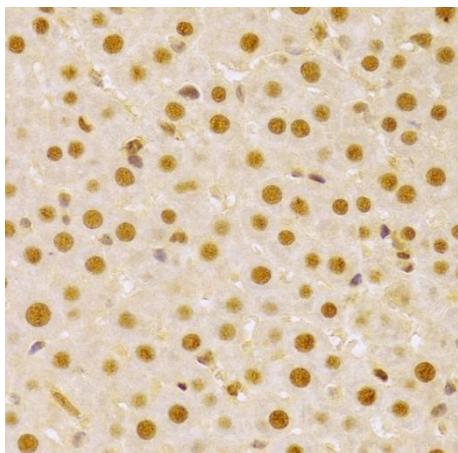
|                               |        |   |
|-------------------------------|--------|---|
| <b>Recommended Dilutions:</b> | WB     | 1:500 - 1:1000  |
|                               | IHC-P  | 1:50 - 1:200  |
|                               | IF/ICC | 1:50 - 1:200  |
|                               | ELISA  | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

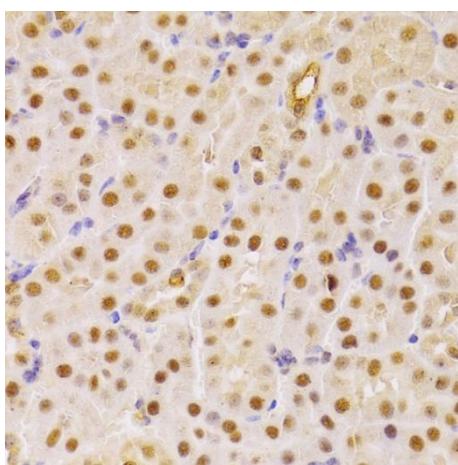
## Validation Data



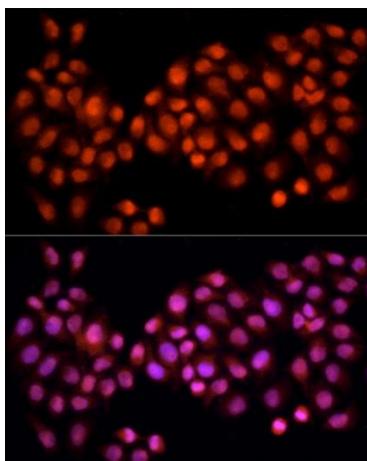
Western blot analysis of various lysates using CDC25A Rabbit pAb (CAB1173) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Rat liver using CDC25A Rabbit pAb (CAB1173) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using CDC25A Rabbit pAb (CAB1173) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using CDC25A Rabbit pAb (CAB1173) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.