

# Cdc25C Antibody

Rabbit mAb

Catalog # AP90931

## Product Information

---

<b>Application</b>	WB, IHC, IF, FC, ICC, IP, IHF
<b>Primary Accession</b>	<a href="#">P30307</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	CDC25; CDC25C; Cell division cycle 25 homolog C; MPIP3; PPP1R60;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	53365

## Additional Information

---

<b>Dilution</b>	WB 1:500~1:2000 IHC 1:10~1:500 ICC/IF 1:50~1:200 IP 1:30 FC 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Cdc25C
<b>Description</b>	Functions as a dosage-dependent inducer in mitotic control. It is a tyrosine protein phosphatase required for progression of the cell cycle. It directly dephosphorylates CDK1 and activate its kinase activity.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

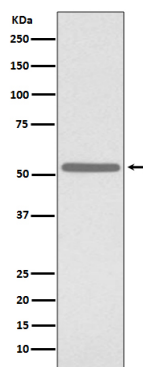
---

<b>Name</b>	CDC25C
<b>Function</b>	Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle (PubMed: <a href="#">8119945</a> ). When phosphorylated, highly effective in activating G2 cells into prophase (PubMed: <a href="#">8119945</a> ). Directly dephosphorylates CDK1 and activates its kinase activity (PubMed: <a href="#">8119945</a> ).
<b>Cellular Location</b>	Nucleus

## Images

---

Western blot analysis of Cdc25C expression in K562 cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.