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Cdc25C Antibody

Rabbit mAb
Catalog # AP90931

Product Information

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

Additional Information

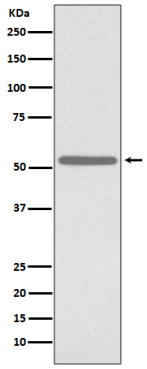
Dilution	WB 1:500~1:2000 IHC 1:10~1:500 ICC/IF 1:50~1:200 IP 1:30 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cdc25C
Description	Functions as a dosage-dependent inducer in mitotic control. It is a tyrosine protein phosphatase required for progression of the cell cycle. It directly dephosphorylates CDK1 and activate its kinase activity.
Storage Condition and Buffer	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

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

Images

Western blot analysis of Cdc25C expression in K562 cell lysate.



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