

Datasheet for ABIN7179988
anti-CDC25A antibody (Ser178)



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2 Images

Overview

Quantity:	100 µL
Target:	CDC25A
Binding Specificity:	Ser178
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized non-phosphopeptide derived from Human CDC25A around the phosphorylation site of serine 178 (Q-N-S(p)-A-P).
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	CDC25A
Alternative Name:	CDC25A (CDC25A Products)

Target Details

Background:	Background: Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Directly dephosphorylates CDK1 and stimulates its kinase activity. Also dephosphorylates CDK2 in complex with cyclin E, in vitro. Galaktionov K.I.,Cell 67:1181-1194(1991). The MGC Project Team,Genome Res. 14:2121-2127(2004). Wegener S., Eur. J. Cell Biol. 79:810-815(2000). Aliases: Cdc 25a antibody, CDC25A antibody, CDC25A2 antibody, CDC25A2 CAG isoform antibody, Cell division cycle 25 homolog A (S. pombe) antibody, Cell division cycle 25A antibody, Cell division cycle 25A isoform a antibody, Cell division cycle 25A isoform b antibody, D9Ert393e antibody, Dual specificity phosphatase Cdc25A antibody, M phase inducer phosphatase 1 antibody, M-phase inducer phosphatase 1 antibody, MGC115549 antibody, MPIP1_HUMAN antibody
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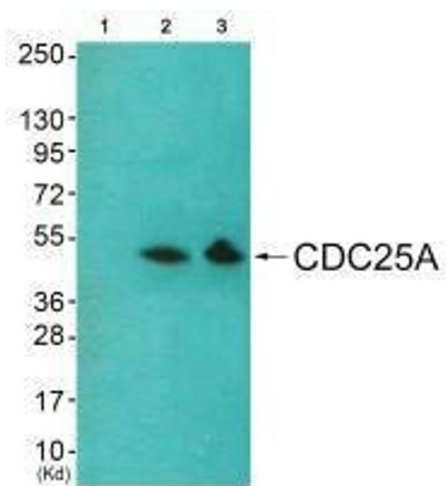
UniProt:	P30304
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , M Phase

Application Details

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

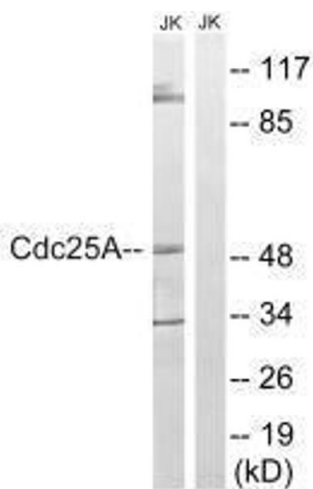
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells (Lane 2) and 293 cells (Lane 3), using CDC25A (Ab-178) antibody. The lane on the left is treated with synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from Jurkat cells, using CDC25A (Ab-178) antibody.