

Datasheet for ABIN7138861
anti-CDC25A antibody (pThr507)



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1 Image

Overview

Quantity:	100 µL
Target:	CDC25A
Binding Specificity:	pThr507
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Threonine 507(S-R-T(p)-W-A) derived from Human CDC25A.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	CDC25A
Alternative Name:	CDC25A (CDC25A Products)

Target Details

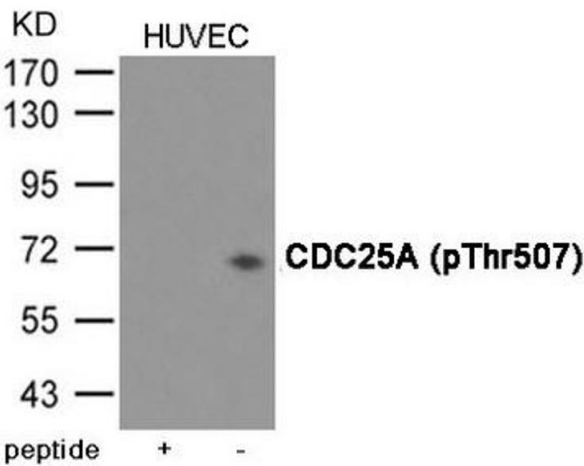
Background:	Background: Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression. Directly dephosphorylates CDK1 and stimulates its kinase activity. Also dephosphorylates CDK2 in complex with cyclin E, in vitro. Aliases: Cdc 25a antibody, CDC25A antibody, CDC25A2 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
UniProt:	P30304
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , M Phase

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied at 1.0 mg/mL 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 HUVEC cells using CDC25A (Phospho-Thr507) Antibody. The lane on the left is treated with the antigen-specific peptide.