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Datasheet for ABIN389535 anti-CDC25B antibody (pSer353)

2 Images



Overview

Quantity:	400 μL
Target:	CDC25B
Binding Specificity:	pSer353
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CDC25B Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S353 of human CDC25B.
Clone:	RB7935
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

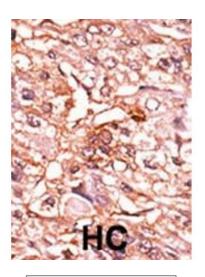
Target:	CDC25B
Alternative Name:	CDC25B (CDC25B Products)
Background:	CDC25B is a member of the CDC25 family of phosphatases. CDC25B activates the cyclin

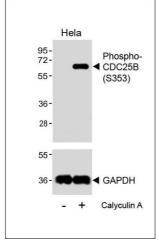
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Target Details

dependent kinase CDC2 by removing two phosphate groups and it is required for entry into
mitosis. CDC25B shuttles between the nucleus and the cytoplasm due to nuclear localization
and nuclear export signals. The protein is nuclear in the M and G1 phases of the cell cycle and
moves to the cytoplasm during S and G2. CDC25B has oncogenic properties, although its role
in tumor formation has not been determined.

Molecular Weight:	64987
Gene ID:	994
NCBI Accession:	NP_004349, NP_068658, NP_068659
UniProt:	P30305
Pathways:	Cell Division Cycle, M Phase, Autophagy
Application Details	
Application Notes:	WB: 1:500. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Format: Buffer:	Liquid Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Buffer: Preservative:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Buffer: Preservative: Precaution of Use:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma

Western Blotting

Image 2. Western blot analysis of lysates from Hela cell line, untreated or treated with 20 % FBS + 100nM Calyculin A, 15 min, using Phospho-CDC25B Antibody (upper) or GDH(lower).

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