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anti-CDC25A antibody (pSer124)



2

Publications



Go to Product page

Overview	
Quantity:	400 μL
Target:	CDC25A
Binding Specificity:	pSer124
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CDC25A Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S124 of human CDC25A.
Clone:	RB07634
Isotype:	lg Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

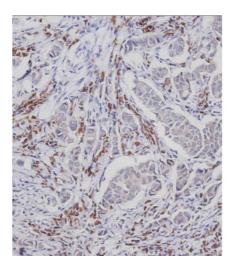
Target:	CDC25A
Alternative Name:	CDC25A (CDC25A Products)

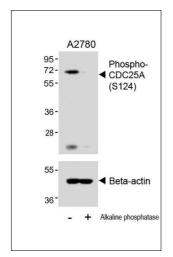
Target Details

Background:	CDC25A is a member of the CDC25 family of phosphatases. CDC25A is required for
	progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase
	CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA
	damage, which prevents cells with chromosomal abnormalities from progressing through cell
	division. CDC25A is an oncogene, although its exact role in oncogenesis has not been
	demonstrated. Two transcript variants encoding different isoforms have been found for this
	gene.
Molecular Weight:	59087
Gene ID:	993
NCBI Accession:	NP_001780, NP_963861
UniProt:	P30304
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, M Phase
Application Details	
Application Notes:	WB: 1:500. WB: 1:500. WB: 1:500. WB: 1:1000. IHC-P: 1:100. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal
	aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
Publications	
Product cited in:	Hedlund, Karlsson, Osborn, Ludwig, Isacson: "Global gene expression profiling of somatic motor

neuron populations with different vulnerability identify molecules and pathways of degeneration and protection." in: **Brain : a journal of neurology**, Vol. 133, Issue Pt 8, pp. 2313-30, (2010) (PubMed).

Images





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of A on paraffinembedded Human breast carcinoma tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH 9. 0). Samples were incubated with primary Antibody (1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

Western Blotting

Image 2. Western blot analysis of lysates from cell line, untreated or treated with Alkaline phosphatase, 1h, using 459085101 A (upper) or Beta-actin (lower).

Western Blotting

Image 3. Western blot analysis of lysates from cell line, untreated or treated with Alkaline phosphatase, 1h, using 459088101 A (upper) or Beta-actin (lower).

Please check the product details page for more images. Overall 6 images are available for ABIN389527.	