antibodies -online.com







anti-CDC25C antibody

Images



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Quantity:	100 μL
Target:	CDC25C
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC25C antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CDC25C. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to CDC25C (cell division cycle 25 homolog C (S. pombe)) CDC25C antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

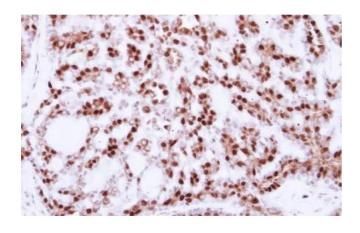
Target: CDC25C

Target Details

	cell division cycle 25C (CDC25C Products)	
Background:	This gene is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known.	
	Cellular Localization: Nucleus	
Molecular Weight:	53 kDa	
Gene ID:	995	
UniProt:	P30307	
Pathways:	Cell Division Cycle, M Phase	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: A431 , HeLa Validation: KO/KD, Orthogonal	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.63 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage	

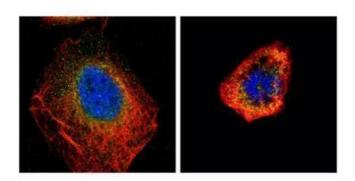
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



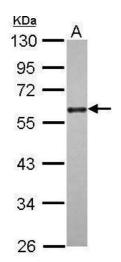
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human breast cancer, using CDC25C, antibody at 1:250 dilution.



Immunofluorescence

Image 2. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using CDC25C, antibody (Geen) at 1:500 dilution. Alphatubulin filaments were labeled with (Red) at 1:2000.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A:
A431 10% SDS PAGE antibody diluted at 1:2000