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## anti-PRC1 antibody (N-Term)



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Overview	
Quantity:	100 μL
Target:	PRC1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRC1 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 N-terminus region of human PRC1.  The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	PRC1
Alternative Name:	protein regulator of cytokinesis 1 (PRC1 Products)

## **Target Details**

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Background:	Protein regulator of cytokinesis 1, ASE1, This gene encodes a protein that is involved in cytokinesis. The encoded protein is at high level during S and G2/M and drop dramatically after cell exit mitosis and enter G1. It is located in the nucleus during interphase, and becomes associated with mitotic spindles in a highly dynamic manner during mitosis, and localizes to the cell mid-body during cytokinesis. This protein has been shown to be a substrate of several cyclin-dependent kinases (CDKs). At least three alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]	
Molecular Weight:	72 kDa	
Gene ID:	9055	
UniProt:	043663	
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: Jurkat , Raji , mouse testis	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 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.	