

PRC1(Phospho-Thr481)rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A20183	Rabbit	1 mg/ml	
Applications	WB,ELISA		
Reactivity	Human		
Dilution	WB 1:500-2000, ELISA 1:10000-20000		
Storage	-20°C/1 year		
Specificity	The antibody detects endogenous PRC1Phospho occurs at Thr481		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Synthetic Phospho peptide from human protein at AA range: 481		
Uniprot No	O43663		
Alternative names	Protein regulator of cytokinesis 1		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	protein regulator of cytokinesis 1(PRC1) Homo sapiens This gene encodes a protein that is involved in cytokinesis. The protein is present at high levels during the S and G2/M phases of mitosis but its levels drop dramatically when the cell exits mitosis and enters the G1 phase. It is located in the nucleus during interphase, 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). It is necessary for polarizing parallel microtubules and concentrating the factors responsible for contractile ring assembly. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012],		
Other	PRC1, Protein regulator of cytokinesis 1		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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