

PCGF1 Antibody (Center)

Catalog_no :	AB3268
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This PCGF1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 132-167 amino acids from the Central region of human PCGF1.
Dilution :	WB,1:2000;
Other_name :	Polycomb group RING finger protein 1, Nervous system Polycomb-1, NSPc1, RING finger protein 68, PCGF1, NSPC1, RNF68
Isotype :	Rabbit Ig
Background :	Component of the Polycomb group (PcG) multiprotein BCOR complex, a complex required to maintain the transcriptionally repressive state of some genes, such as BCL6 and the cyclin- dependent kinase inhibitor, CDKN1A. Transcriptional repressor that may be targeted to the DNA by BCL6; this transcription repressor activity may be related to PKC signaling pathway. Represses CDKN1A expression by binding to its promoter, and this repression is dependent on the retinoic acid response element (RARE element). Promotes cell cycle progression and enhances cell proliferation as well. May have a positive role in tumor cell growth by down- regulating CDKN1A. Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.
reference :	Ding J.B.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases. Hillier L.W.,et al.Nature 434:724-731(2005). Nunes M.,et al.Mech. Dev. 102:219-222(2001). Gong Y.,et al.FEBS Lett. 579:115-121(2005). Gearhart M.D.,et al.Mol. Cell. Biol. 26:688