

Mouse Cbx7 Antibody (C-term)

Catalog_no :	AB3024
Reactivity :	H, M, Rat
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This Mouse Cbx7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 144-178 amino acids from the C-terminal region of human Mouse Cbx7.
Dilution :	WB,1:1000;
Other_name :	Chromobox protein homolog 7, Cbx7, D15Ert417e
Isotype :	Rabbit Ig
Background :	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. Promotes histone H3 trimethylation at 'Lys-9' (H3K9me3). Binds to histone H3 trimethylated 'Lys-9' (H3K9me3) or at 'Lys-27' (H3K27me3). May possibly also bind trimethylated lysine residues in other proteins (in vitro). Binds non-coding, single-stranded RNA. Regulator of cellular lifespan by maintaining the repression of CDKN2A, but not by inducing telomerase activity.
reference :	Gil J.,et al.Nat. Cell Biol. 6:67-72(2004). Bernstein E.,et al.Mol. Cell. Biol. 26:2560-2569(2006). Yap K.L.,et al.Mol. Cell 38:662-674(2010).