

KD-Validated Anti-CBX8 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2014

Product Information

Application	WB, FC
Primary Accession	Q9HC52
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Names	24GB7980
Calculated MW	43396
Gene Name	CBX8
Aliases	CBX8; Chromobox 8; RC1; PC3; Chromobox Protein Homolog 8; Rectachrome 1; Polycomb 3; HPC3; Chromobox Homolog 8 (Pc Class Homolog, Drosophila); Chromobox Homolog 8 (Drosophila Pc Class); Pc Class 3 Homolog (Drosophila); Chromobox Homolog 8; Pc Class 3 Homolog; Polycomb 3 Homolog; HPc3; Pc3
Immunogen	Recombinant protein of human CBX8

Additional Information

Gene ID	57332
Other Names	Chromobox protein homolog 8, Polycomb 3 homolog, Pc3, hPc3, Rectachrome 1, CBX8, PC3, RC1

Protein Information

Name	CBX8
Synonyms	PC3, RC1
Function	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.
Cellular Location	Nucleus.

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