
Product Name: CBX4 (10P4) Rabbit Monoclonal Antibody**Catalog #: AMRe08056**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,FC,IP,IF-P
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:200,FC 1:200-1:500,IP 1:20-1:50,IF-P 1:100-1:200
Molecular Weight	61kDa

Antigen Information

Gene Name	CBX4
Alternative Names	CBX4; hPc2; NBP16; PC2;
Gene ID	8535.0
SwissProt ID	O00257
Immunogen	A synthetic peptide of human CBX4

Background

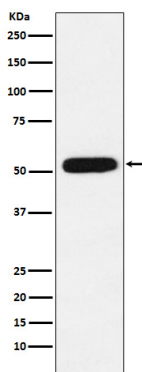
E3 SUMO-protein ligase which facilitates SUMO1 conjugation by UBE2I. Component of the Polycomb group (PcG) multiprotein

PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. E3 SUMO-protein ligase which facilitates SUMO1 conjugation by UBE2I (PubMed:12679040). Involved in the sumoylation of HNRNPK, a p53/TP53 transcriptional coactivator, hence indirectly regulates p53/TP53 transcriptional activation resulting in p21/CDKN1A expression. Monosumoylates ZNF131 (PubMed:22825850).

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of CBX4 expression in 293T cell lysate.