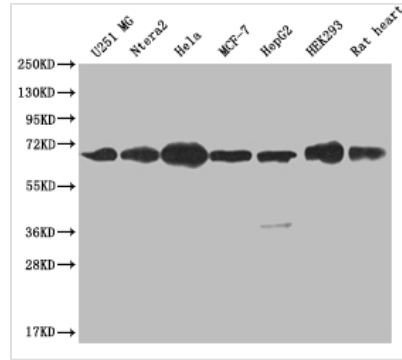




CBX2 Recombinant Monoclonal Antibody

Product Code	CSB-RA632623A0HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q14781
Immunogen	A synthesized peptide derived from human CBX2
Species Reactivity	Human, Rat
Tested Applications	ELISA, WB; Recommended dilution: WB:1:500-1:2000
Relevance	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 (PubMed:21282530). 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 (PubMed:21282530). Binds to histone H3 trimethylated at 'Lys-9' (H3K9me3) or at 'Lys-27' (H3K27me3) (By similarity). Plays a role in the lineage differentiation of the germ layers in embryonic development (By similarity). Involved in sexual development, acting as activator of NR5A1 expression (PubMed:19361780). {ECO:0000250 UniProtKB:P30658, ECO:0000269 PubMed:19361780, ECO:0000269 PubMed:21282530}.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	CBX2
Clone No.	24A2
Image	

**Western Blot**

Positive WB detected in: U251 whole cell lysate, Ntera-2 whole cell lysate, Hela whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, HEK293 whole cell lysate, Rat heart tissue

All lanes: CBX2 antibody at 1:2000

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 57, 24 kDa

Observed band size: 60-72 kDa

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.