



Anti-CBX1 polyclonal antibody (DPABH-20583)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Component of heterochromatin. Recognizes and binds histone H3 tails methylated at Lys-9, leading to epigenetic repression. Interaction with lamin B receptor (LBR) can contribute to the association of the heterochromatin with the inner nuclear membrane.
Specificity	DPABH-20583 recognises a band at 25 kDa, which is attributed to CBX1 / HP1 beta.
Immunogen	Synthetic peptide, conjugated to KLH, derived from within residues 150 to the C-terminus of Human HP1 beta.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human, Marsupials
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF, IP
Format	Liquid
Size	100 µg
Buffer	Constituents: 1% BSA, PBS, pH 7.4
Preservative	Preservative: 0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	CBX1 chromobox homolog 2 [Homo sapiens]
Official Symbol	CBX1
Synonyms	CBX1; chromobox homolog 1; CBX; M31; MOD1; p25beta; HP1-BETA; HP1Hsbeta; HP1Hs-beta; chromobox protein homolog 1; HP1 beta homolog; modifier 1 protein; heterochromatin protein 1-beta; heterochromatin protein p25 beta; heterochromatin protein 1 homolog beta; chromobox homolog 1 (HP1 beta homolog Drosophila);
Entrez Gene ID	10951
Protein Refseq	NP_001120700.1
UniProt ID	P83916
Function	chromatin binding; enzyme binding; histone methyltransferase binding; identical protein binding