
Product Information

Product SKU:	CAB2247	Gene ID:	10951	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	21kDa	Conjugate:	Unconjugated
Calculated MW:	21kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The protein may play an important role in the epigenetic control of chromatin structure and gene expression. Several related pseudogenes are located on chromosomes 1, 3, and X. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Recommended Dilution:	WB, 1:500 - 1:1000
Synonyms:	CBX; M31; MOD1; p25beta; HP1-BETA; HP1Hsbeta; HP1Hs-beta; CBX1
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HP1 beta/CBX1 (NP_006798.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.