

HP1 gamma:CBX3 (citrulline R108) rabbit pAb

Catalog No.	IPB14450
Reactivity	Human; Mouse; Rat
Applications	WB
Dilution	WB: 1:500-2000
Gene Name	CBX3
Protein Name	HP1 gamma/CBX3 (citrulline R108)
Human Gene Id	11335
Swiss-Prot	Q13185
Formulation	Liquid in PBS containing 50% glycerol, and 0.230% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Nucleus Associates with euchromatin and is largely excluded from constitutive heterochromatin May be associated with microtubules and mitotic poles during mitosis (Potential)
MW	20130
Background	At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane The protein encoded by this gene binds DNA and is a component of heterochromatin This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane This protein binds histone H3 tails methylated at Lys-9 sites This protein is also recruited to sites of ultraviolet-induced DNA damage and double-strand breaks Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene

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