

HP1 gamma Rabbit mAb
Catalog # AP75571**Specification**

HP1 gamma Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	Q13185
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	20811

HP1 gamma Rabbit mAb - Additional Information**Gene ID** 11335**Other Names**

CBX3

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

HP1 gamma Rabbit mAb - Protein Information**Name** CBX3**Function**

Seems to be involved in transcriptional silencing in heterochromatin-like complexes. Recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. May contribute to the association of the heterochromatin with the inner nuclear membrane through its interaction with lamin B receptor (LBR). Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins. Contributes to the conversion of local chromatin to a heterochromatin-like repressive state through H3 'Lys-9' trimethylation, mediates the recruitment of the methyltransferases SUV39H1 and/or SUV39H2 by the PER complex to the E-box elements of the circadian target genes such as PER2 itself or PER1. Mediates the recruitment of NIPBL to sites of DNA damage at double-strand breaks (DSBs) (PubMed:28167679).

Cellular Location

Nucleus. Note=Associates with euchromatin and is largely excluded from constitutive heterochromatin. May be associated with microtubules and mitotic poles during mitosis (Potential).

HP1 gamma Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HP1 gamma Rabbit mAb - Images

