

Datasheet for ABIN6241538

anti-CBX3 antibody

4 Images

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Overview

Quantity:	100 µL
Target:	CBX3
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CBX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant Protein
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Target Details

Target:	CBX3
Alternative Name:	HP1-gamma (CBX3 Products)
Background:	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

Target Details

complex to the E-box elements of the circadian target genes such as PER2 itself or PER1.

UniProt: [Q13185](#)

Application Details

Application Notes: IP: 1:500. WB: 1:1000. IHC: 1:100. ICC: 1:200

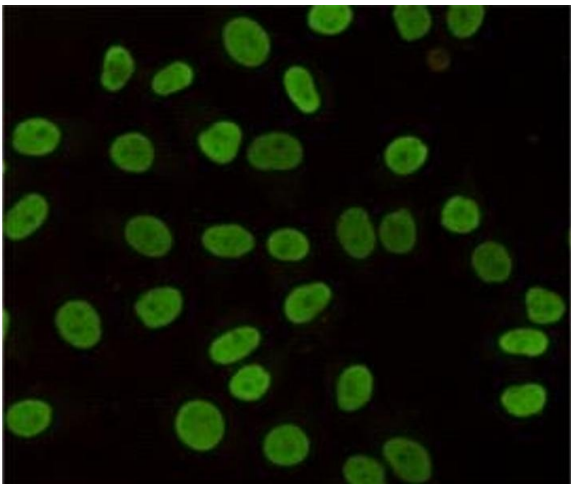
Restrictions: For Research Use only

Handling

Format: Liquid

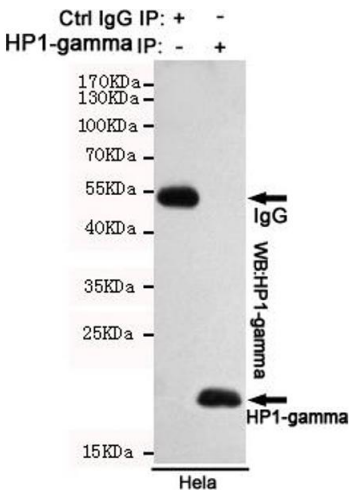
Storage: 4 °C,-20 °C

Images



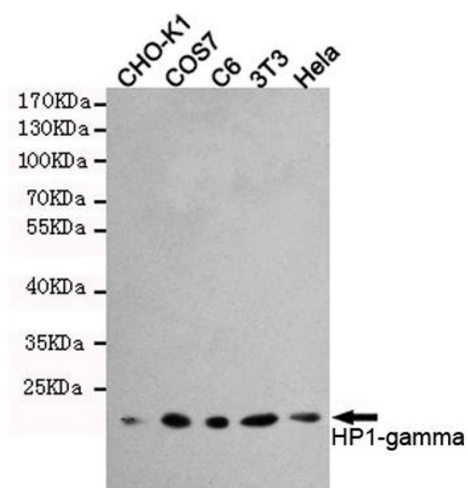
Immunocytochemistry

Image 1. Immunocytochemistry staining of HeLa cells fixed with 4 % Paraformaldehyde and using anti-HP1-gamma mouse mAb (dilution 1:200).



Immunoprecipitation

Image 2. Immunoprecipitation analysis of HeLa cell lysates using HP1-gamma mouse mAb.



Western Blotting

Image 3. Western blot detection of HP1-gamma in HeLa, 3T3, C6, COS7 and CHO-K1 cell lysates using HP1-gamma mouse mAb (1:1000 diluted). Predicted band size: 22KDa. Observed band size: 22KDa.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6241538.