

Product Datasheet

HP1- γ Mouse mAb



Catalog No: AB3113

Reactivity: Human, Mouse, Monkey, Hamster, Rat

Isotype: Mouse IgG1

Applications: WB, IHC, ICC/IF, IP

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Information

UniProt ID: Q13185

All Names: CBX3; Chromobox homolog 3; Chromobox protein homolog 3; HECH; Heterochromatin like protein 1; Heterochromatin protein 1 homolog gamma; HP1 gamma; HP1Hs gamma; Modifier 2 protein;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 22KDa

Application

WB 1:1000

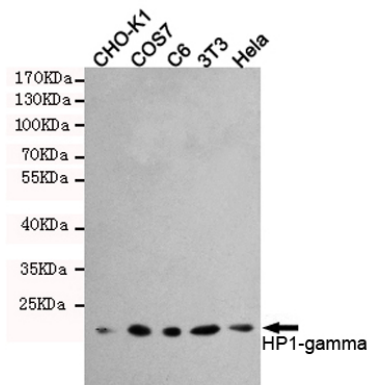
IHC 1:200

ICC/IF 1:200

IP

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).



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.

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