
Product Name: HP1 gamma Mouse Monoclonal Antibody**Catalog #: AMM85033**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 24 kDa

Antigen Information

Gene Name	HP1 gamma
Alternative Names	CBX3; Chromobox protein homolog 3; HECH; Heterochromatin protein 1 homolog gamma; HP1 gamma; Modifier 2 protein
Gene ID	11335.0
SwissProt ID	Q13185
Immunogen	Purified recombinant protein expressed in E.coli.

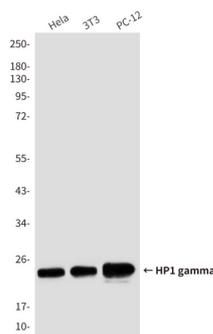
Background

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

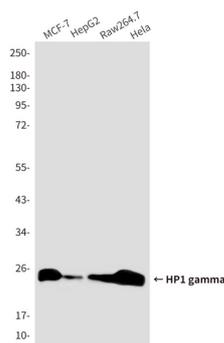
formation of functional kinetochore through interaction with MIS12 complex proteins.

Research Area

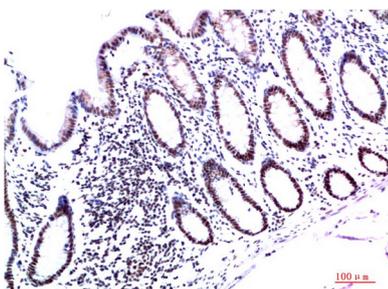
Image Data



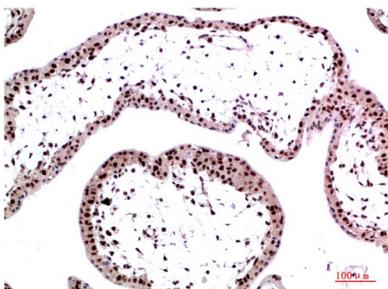
Western blot analysis of HP1 gamma in HeLa lysates , 3T3 lysates , PC-12 lysates using HP1 gamma antibody



Western blot analysis of HP1 gamma in MCF-7, HepG2, Raw264.7, HeLa lysates using HP1 gamma antibody.



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma Tissue using HP1 gamma antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using HP1 gamma antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.