

Product Name: HP1 gamma Rabbit Monoclonal Antibody
Catalog #: AMRe02115

Summary

Production Name	HP1 gamma Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CBX3
Alternative Names	CBX3; Chromobox protein homolog 3; HECH; Heterochromatin protein 1 homolog gamma; HP1 gamma; Modifier 2 protein
Gene ID	11335
SwissProt ID	Q13185

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 21 kDa

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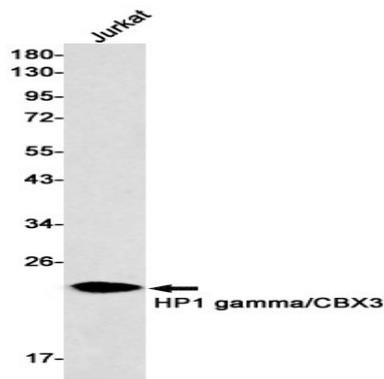
Background

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.

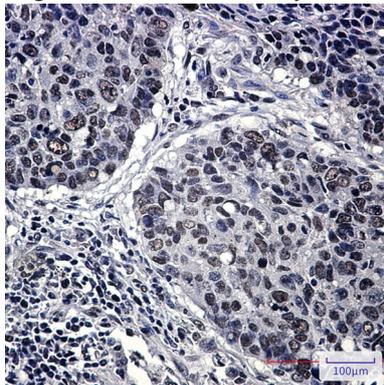
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of HP1 gamma/CBX3 in Jurkat lysates using HP1 gamma antibody.



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

Note

For research use only.