



HP1 alpha/beta/gamma Polyclonal Antibody

Catalog Number:PA5-40091

Product Data Sheet

Details	
Size	50 µg
Host / Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Human human HP1 beta (Heterochromatin protein 1 homolog beta).
Form	Liquid
Concentration	Lot-Specific
Purification	Protein G
Storage Buffer	PBS, pH 7.4
Contains	0.05% Proclin 300, 0.05% sodium azide
Storage Conditions	-20°C or -80°C if preferred

Species Reactivity	
Tested species reactivity	Human, Mouse
Tested Applications	
Western Blot (WB)	1:1000
Immunofluorescence (IF)	1:500
Immunocytochemistry (ICC)	1:500
ChIP assay (ChIP)	4 µg

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Background/Target Information

At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene.

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