

Product Datasheet

HP1 Alpha, Beta, and Gamma Antibody NBP2-59154

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 8/8/2023 v.20.1

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NBP2-59154

HP1 Alpha, Beta, and Gamma Antibody

Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide and 0.05% ProClin 300
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

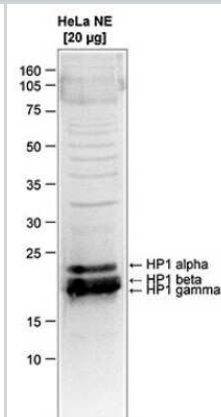
Product Description	
Host	Rabbit
Gene ID	23468
Species	Human, Mouse
Immunogen	The exact immunogen is proprietary information.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Chromatin Immunoprecipitation (ChIP), Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:500, Immunofluorescence 1:500, Chromatin Immunoprecipitation (ChIP) 4 ug/IP

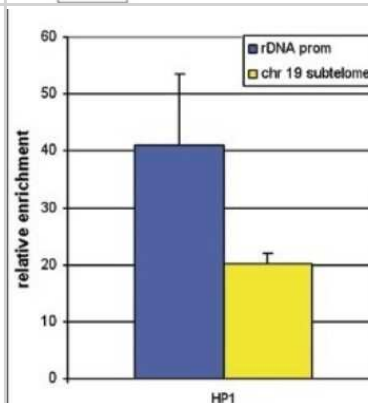


Images

Western Blot: HP1 Alpha, Beta, and Gamma Antibody [NBP2-59154] - Western blot was performed on nuclear extracts from HeLa cells (20 ug) with the antibody against human HP1alpha,beta and gamma diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The molecular weight marker (kDa) is shown on the left; the expected location of HP1alpha, HP1beta and HP1gamma is indicated on the right.



Chromatin Immunoprecipitation: HP1 Alpha, Beta, and Gamma Antibody [NBP2-59154] - ChIP assays were performed using NIH3T3 cells and 4 ug of the antibody directed against HP1alpha,beta and gamma. QPCR was performed on the IP'd DNA with optimized primer sets for the rDNA promoter and for a subtelomeric sequence of chromosome 19. Figure shows the relative enrichment as compared to a no antibody negative control ChIP.



Immunofluorescence: HP1 Alpha, Beta, and Gamma Antibody [NBP2-59154] - HeLa cells were stained with the antibody against HP1alpha, beta and gamma; and with DAPI. Cells were fixed with 4% formaldehyde for 10 minutes and blocked with PBS/TX-100 containing 5% normal goat serum and 1% BSA. The cells were immunofluorescently labelled with the HP1alpha,beta and gamma antibody (left) diluted 1:500 in blocking solution followed by an anti-rabbit antibody conjugated to Alexa Fluor 488. The middle panel shows staining of the nuclei with DAPI. A merge of the two stainings is shown on the right.





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Products Related to NBP2-59154

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
DHAPG0	Haptoglobin [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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