

Product Datasheet

HP1 alpha Antibody (8C3M6) NBP3-16267-100ul

Unit Size: 100 ul

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

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NBP3-16267-100ul

HP1 alpha Antibody (8C3M6)

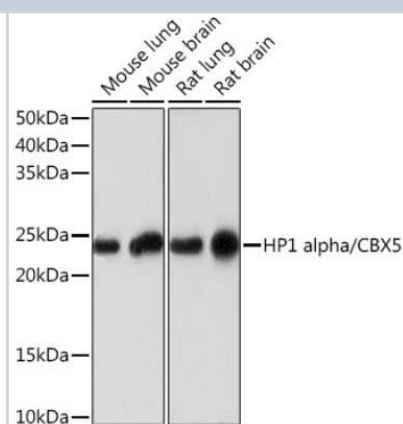
| Product Information | |
|---------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 8C3M6 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS, 0.05% BSA, 50% glycerol, pH7.3 |

| Product Description | |
|---------------------|---|
| Host | Rabbit |
| Gene ID | 23468 |
| Gene Symbol | CBX5 |
| Species | Human, Mouse, Rat |
| Immunogen | A synthetic peptide corresponding to a sequence within amino acids 92-191 of human HP1 alpha (P45973). SNFSNSADDIKSKKKREQSNDIARGFERGLEPEKIIGATDSCGDLMLMKWKDT DEADLVLAKEANVKCPQIVIAFYEERLTWHAYPEDAENKEKETAKS |

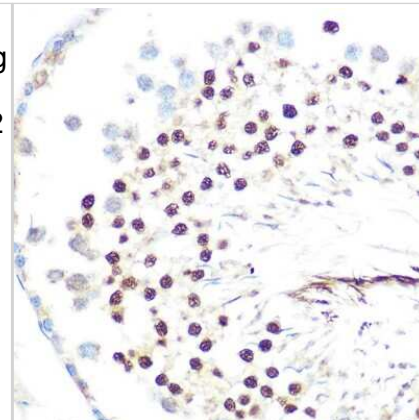
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5 µg-4 µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:20-1:50 |

Images

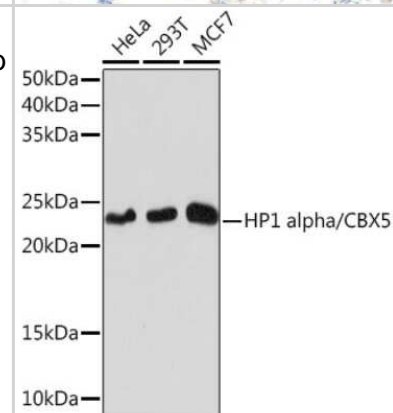
Western Blot: HP1 alpha Antibody (8C3M6) [NBP3-16267] - Western blot analysis of extracts of various cell lines, using HP1 alpha Rabbit mAb (NBP3-16267) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



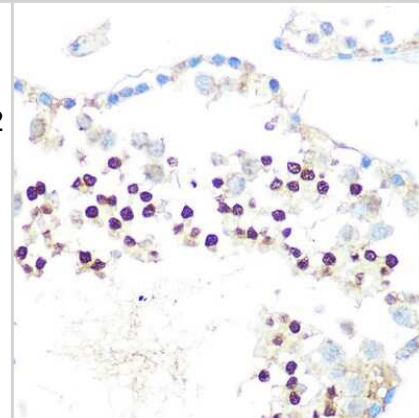
Immunohistochemistry-Paraffin: HP1 alpha Antibody (8C3M6) [NBP3-16267] - Immunohistochemistry of paraffin-embedded mouse testis using HP1 alpha Rabbit mAb (NBP3-16267) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



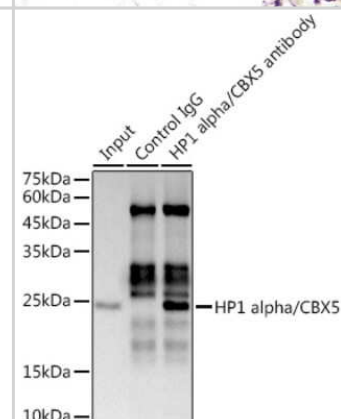
Western Blot: HP1 alpha Antibody (8C3M6) [NBP3-16267] - Western blot analysis of extracts of various cell lines, using HP1 alpha Rabbit mAb (NBP3-16267) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



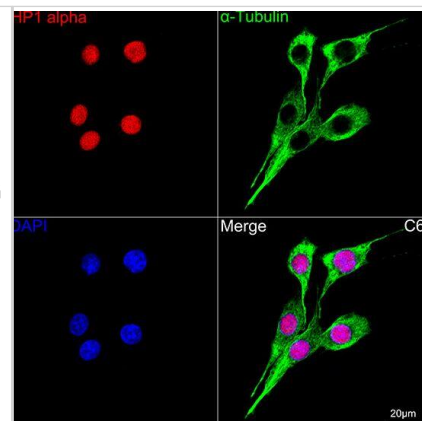
Immunohistochemistry-Paraffin: HP1 alpha Antibody (8C3M6) [NBP3-16267] - Immunohistochemistry of paraffin-embedded rat testis using HP1 alpha Rabbit mAb (NBP3-16267) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation: HP1 alpha Antibody (8C3M6) [NBP3-16267] - Immunoprecipitation analysis of 300ug extracts of MCF7 cells using 3ug HP1 alpha antibody (NBP3-16267). Western blot was performed from the immunoprecipitate using HP1 alpha antibody (NBP3-16267) at a dilution of 1:1000.



Immunocytochemistry/Immunofluorescence: HP1 alpha Antibody (8C3M6) [NBP3-16267] - Confocal imaging of C6 cells using HP1 alpha/CBX5 Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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Products Related to NBP3-16267-100ul

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NB100-2518PEP | HP1 alpha Antibody Blocking Peptide |

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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