

Product Datasheet

HP1 alpha Antibody - BSA Free NBP1-89672

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-89672

HP1 alpha Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

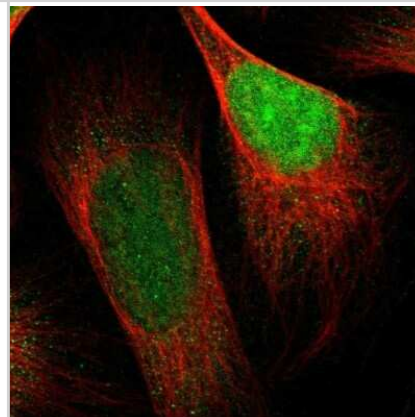
Product Description	
Description	Novus Biologicals Rabbit HP1 alpha Antibody - BSA Free (NBP1-89672) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23468
Gene Symbol	CBX5
Species	Human
Marker	Heterochromatin Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VVKGQVEYLLKWKGFSEEHNTWEPEKNLDCPELISEFMKKYKKMKEGENNKP REKSESNKRKSNFSNSADDIKSKKKREQSNDIARGFERGLEPEKIIGATDSCGD LM

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

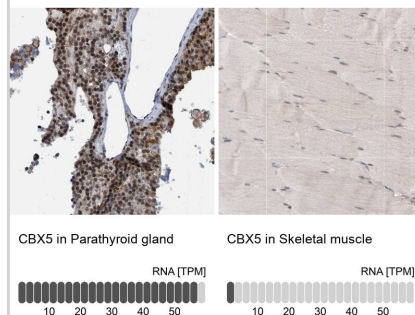


Images

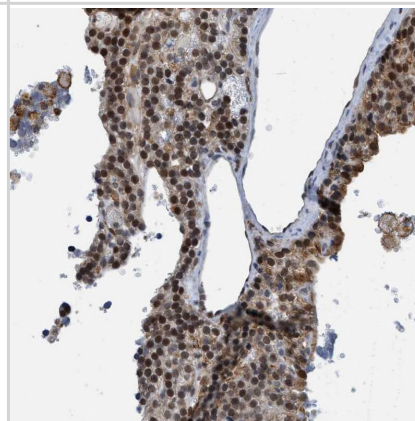
Immunocytochemistry/Immunofluorescence: HP1 alpha Antibody [NBP1-89672] - Staining of human cell line U-2 OS shows localization to nucleus. Antibody staining is shown in green.



Analysis in human parathyroid gland and skeletal muscle tissues using NBP1-89672 antibody. Corresponding CBX5 RNA-seq data are presented for the same tissues.



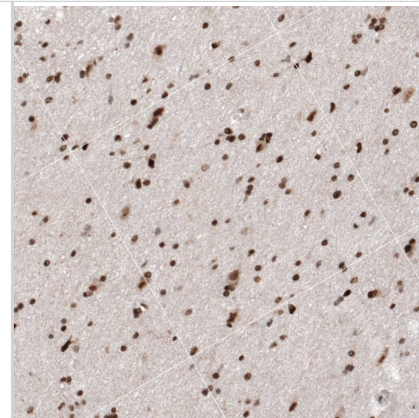
Staining of human parathyroid gland shows moderate to strong nuclear positivity in chief cells.



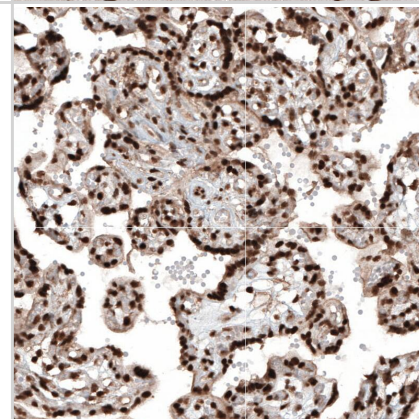
Staining of human skeletal muscle shows no positivity in myocytes as expected.



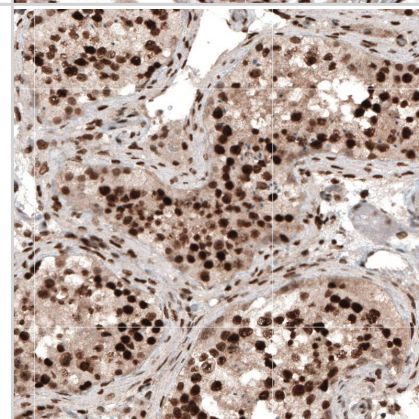
Staining of human cerebral cortex shows moderate to strong nuclear positivity in neuronal cells.



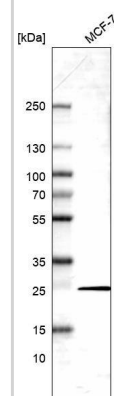
Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Analysis in human cell line MCF-7.





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Products Related to NBP1-89672

NBP1-89672PEP	HP1 alpha Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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