

Product Datasheet

Macro H2A.2 Antibody - BSA Free NBP1-92094

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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Publications: 1

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NBP1-92094

Macro H2A.2 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

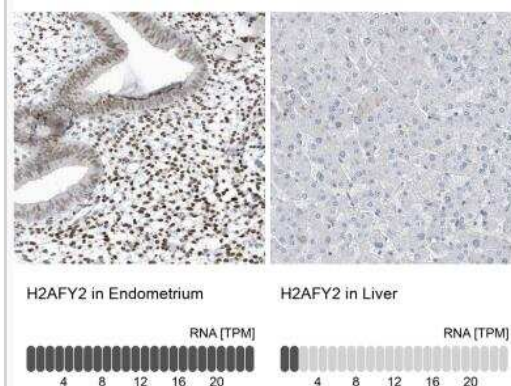
Host	Rabbit
Gene ID	55506
Gene Symbol	MACROH2A2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ILSSKSLVLGQKLSLTQSDISHIGSMRVEGIVHPTTAEIDLKEDIGKALEKAGGKE FLETVKELRKSQGGL

Product Application Details

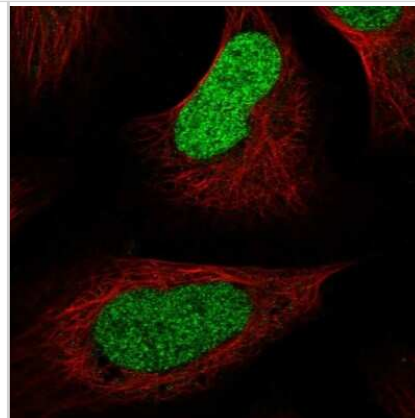
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval method is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

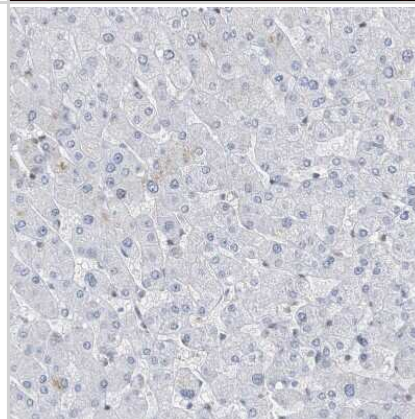
Immunohistochemistry-Paraffin: Macro H2A.2 Antibody [NBP1-92094] - Analysis in human endometrium and liver tissues. Corresponding H2AFY2 RNA-seq data are presented for the same tissues.



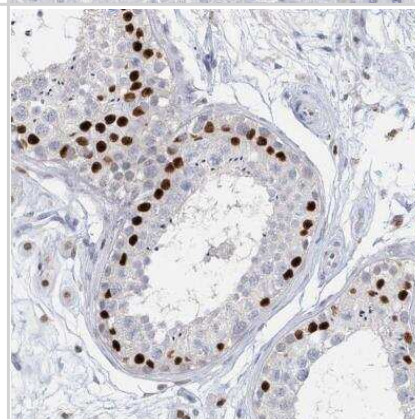
Immunocytochemistry/Immunofluorescence: Macro H2A.2 Antibody [NBP1-92094] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



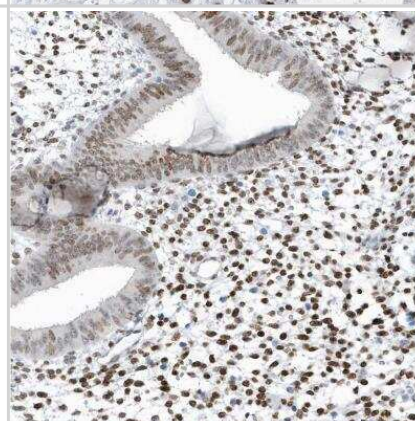
Immunohistochemistry-Paraffin: Macro H2A.2 Antibody [NBP1-92094] - Staining of human liver shows no positivity in hepatocytes as expected.



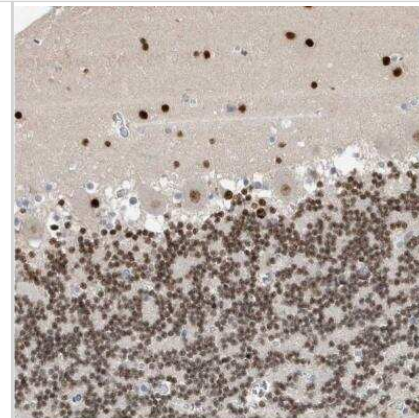
Immunohistochemistry-Paraffin: Macro H2A.2 Antibody [NBP1-92094] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts



Immunohistochemistry-Paraffin: Macro H2A.2 Antibody [NBP1-92094] - Staining of human endometrium shows moderate to strong nuclear positivity in stromal cells.



Immunohistochemistry-Paraffin: Macro H2A.2 Antibody [NBP1-92094] - Staining of human cerebellum shows moderate nuclear positivity in granular layer.



Publications

Nikolic A, Maule F, Bobyn A et al. macroH2A2 antagonizes epigenetic programs of stemness in glioblastoma Nature communications 2023-05-27 [PMID: 37244935] (IHC-P, Human)



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Products Related to NBP1-92094

NBP1-92094PEP	Macro H2A.2 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.

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