

Product Datasheet

Histone H2A.Z Antibody (ST46-09) NBP2-67499

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-67499

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-67499



NBP2-67499

Histone H2A.Z Antibody (ST46-09)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST46-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

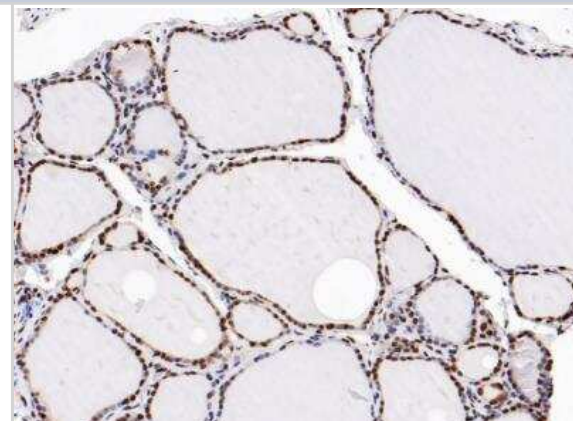
Host	Rabbit
Gene ID	3015
Gene Symbol	H2AZ1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human Histone H2A.Z aa 1-50. (SwissProt: P0C0S5 Human; SwissProt: P0C0S6 Mouse; SwissProt: P0C0S7 Rat)

Product Application Details

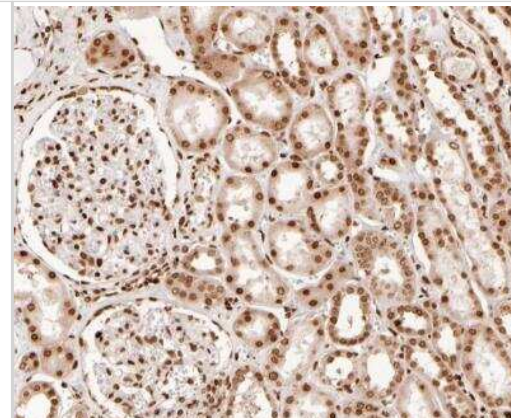
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

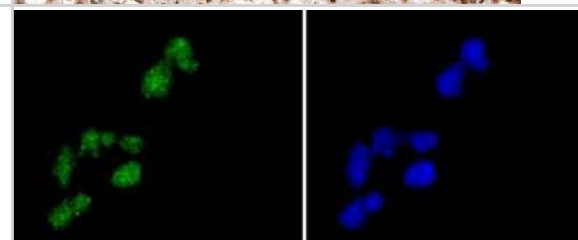
Immunocytochemistry/Immunofluorescence: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Staining of Histone H2A.Z in Hela cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).



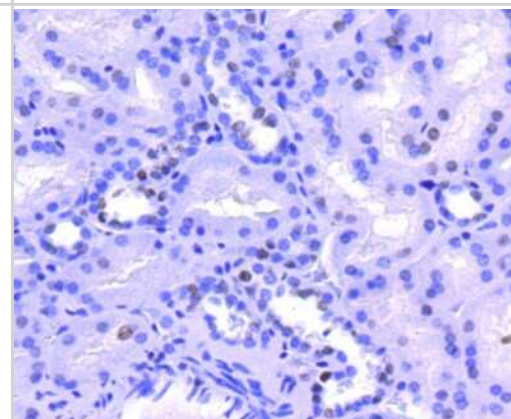
Immunohistochemistry-Paraffin: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Human kidney tissue with Rabbit anti-Histone H2A.Z antibody at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



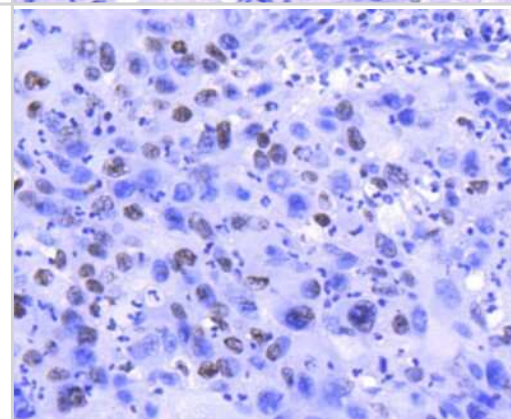
Immunocytochemistry/Immunofluorescence: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Staining Histone H2A.Z in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



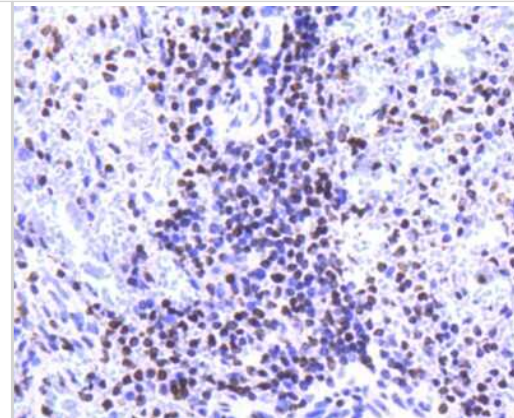
Immunohistochemistry-Paraffin: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Analysis of paraffin-embedded human kidney tissue using anti-Histone H2A.Z antibody. Counter stained with hematoxylin.



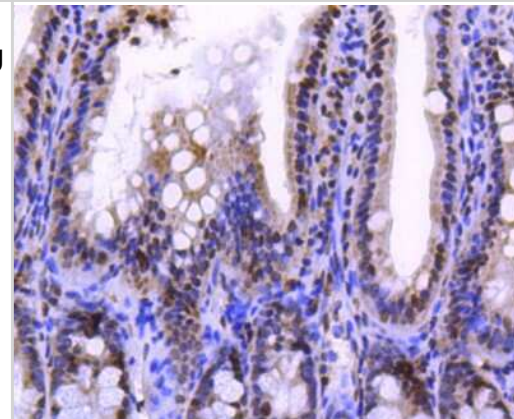
Immunohistochemistry-Paraffin: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Analysis of paraffin-embedded human lung cancer tissue using anti-Histone H2A.Z antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Analysis of paraffin-embedded human spleen tissue using anti-Histone H2A.Z antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Analysis of paraffin-embedded mouse colon tissue using anti-Histone H2A.Z antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Histone H2A.Z Antibody (ST46-09) [NBP2-67499] - Human liver tissue with Rabbit anti-Histone H2A.Z antibody at 1/200 dilution. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-67499

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51625-0.05mg	Recombinant Human Histone H2A.Z His Protein

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-67499

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

