Product Datasheet

Methyl-Lysine Antibody - Azide and BSA Free NB600-824-25ug

Unit Size: 25 ug Store at -20 °C.

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Publications: 4

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NB600-824-25ug

Methyl-Lysine Antibody - Azide and BSA Free

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Product Information	
Unit Size	25 ug
Concentration	1 mg/ml
Storage	Store at -20 °C.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 50% Glycerol
Product Description	
Description	Novus Biologicals Rabbit Methyl-Lysine Antibody - Azide and BSA Free (NB600-824) is a polyclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-Methyl-Lysine Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Species	Non-species specific
Specificity/Sensitivity	Detects proteins containing methylated lysine residues.
Immunogen	Methylated KLH Conjugated
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:5000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:200, Immunoprecipitation 1:10-1:500
Application Notes	0.2-0.5 ug/mL of Methyl-Lysine Antibody was sufficient for detection of the

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Application Notes	0.2-0.5 ug/mL of Methyl-Lysine Antibody was sufficient for detection of the methylated histone by Western blot analysis using melanoma cells in TBSt.

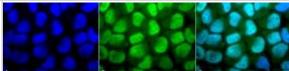


Images

Western Blot: Methyl-Lysine Antibody [NB600-824] - Western blot analysis of Bovine serum albumin showing detection of Methyl-Lysine protein using Rabbit Anti-Methyl-Lysine Polyclonal Antibody (NB600-824). Primary Antibody: Rabbit Anti-Methyl-Lysine Polyclonal Antibody (NB600-824) at 1:1000. Methyl-Lysine in BSA (Left) and Methylated BSA (Right).



Immunocytochemistry/Immunofluorescence: Methyl-Lysine Antibody [NB600-824] - Tissue: HeLa Cells. Species: Human. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-Methylated Lysine Polyclonal Antibody at 1:50 for 12 hours at 4 degrees C. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Nucleus. Cytoplasm. Magnification: 100x. (A) DAPI (blue) nuclear stain. (B) Anti-Methylated Lysine Antibody. (C) Composite.



Publications

Roberts JL, Liu G, Paglia DN et al. Deletion of Wnt5a in osteoclasts results in bone loss through decreased bone formation Annals of the New York Academy of Sciences 2020-03-01 [PMID: 31919867] (Immunoprecipitation, Western Blot, Human)

Dukic T, Smiljanic K, Mihailovic J et al. Proteomic Profiling of Major Peanut Allergens and Their Post-Translational Modifications Affected by Roasting Foods (Basel, Switzerland) 2022-12-09 [PMID: 36553735] (WB)

Walker C, Batan D, Bishop C et al. Extracellular matrix stiffness controls cardiac valve myofibroblast activation through epigenetic remodeling Bioengineering & Translational Medicine 2022-08-22 [PMID: 36176599] (ICC/IF, Porcine)

Details:

Dilution used for ICC 1:500

Bao L, Chen Y, et al. Methylation of hypoxia-inducible factor (HIF)-1 alpha by G9a/GLP inhibits HIF-1 transcriptional activity and cell migration. Nucleic Acids Res 2018-07-27 [PMID: 29860315] (WB, IP, Human)





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Products Related to NB600-824-25ug

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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