

Product Datasheet

Histone H3.1 Antibody - BSA Free NB100-81964

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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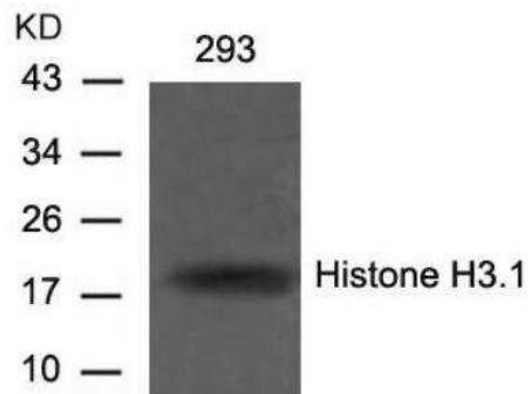
NB100-81964

Histone H3.1 Antibody - BSA Free

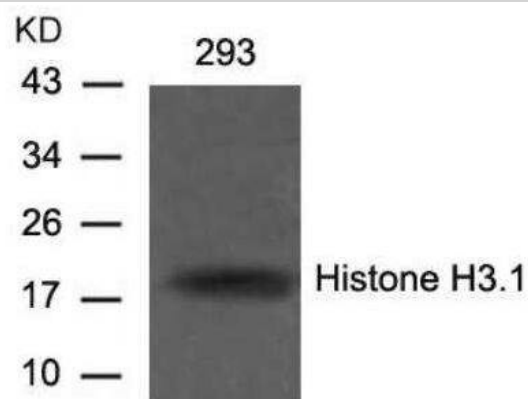
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	17 kDa
Product Description	
Host	Rabbit
Gene ID	8353
Gene Symbol	H3C6
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of total Histone H3.1 protein. NB100-81964 is also cross-reactive with Histone H3.2 and H3.3 from human mouse and rat.
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Histone H3.1 around amino acids 8~12 (R-K-S-T-G).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:200

Images

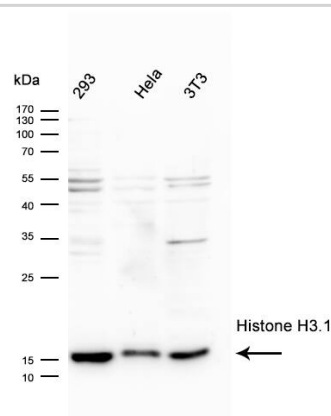
Immunocytochemistry/Immunofluorescence: Histone H3.1 Antibody [NB100-81964] - Staining of methanol-fixed HeLa cells using NB100-81964



Western Blot: Histone H3.1 Antibody [NB100-81964] - Analysis of extracts from 293 cells using NB100-81964



Western Blot: Histone H3.1 Antibody [NB100-81964] - Western blot analysis of extracts of various cell lines, using NB100-81964



Publications

Rebecca S Rivard, Ya-Chu Chang, Ryan L Ragland, Yee-Mon Thu, Muzaffer Kassab, Rahul Shubhra Mandal, Susan K Van Riper, Katarzyna Kulej, LeeAnn Higgins, Todd M Markowski, David Shang, Jack Hedberg, Luke Erber, Benjamin Garcia, Yue Chen, Anja-Katrin Bielinsky, Eric J Brown Improved detection of DNA replication fork-associated proteins. *Cell reports* 2024-05-02 [PMID: 38703364]

Jingru Meng, Xue Ma, Ning Wang, Min Jia, Long Bi, Yunying Wang, Mingkai Li, Huinan Zhang, Xiaoyan Xue, Zheng Hou, Ying Zhou, Zhibin Yu, Gonghao He, Xiaoxing Luo Activation of GLP-1 Receptor Promotes Bone Marrow Stromal Cell Osteogenic Differentiation through β -Catenin Stem Cell Reports 2016-03-03 [PMID: 26947974]



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Products Related to NB100-81964

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00008294-P01-10ug	Recombinant Human HIST1H4I GST (N-Term) 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.

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