

Product Datasheet

Histone H3 Antibody - Azide and BSA Free NB100-747

Unit Size: 0.125 mg

Store at -20C. Avoid freeze-thaw cycles.

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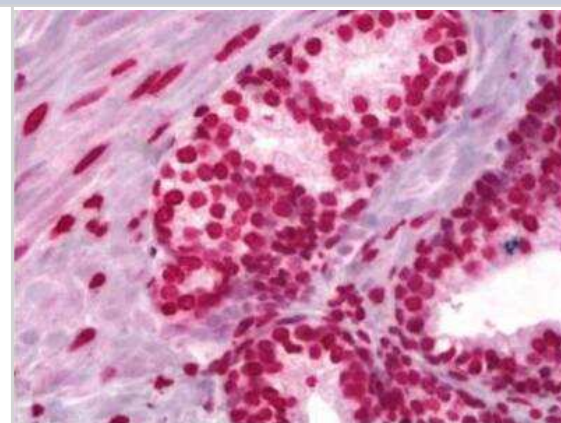
NB100-747

Histone H3 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.125 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	15 kDa
Product Description	
Host	Sheep
Gene ID	126961
Gene Symbol	H3C14
Species	Human, All Species, Bovine
Specificity/Sensitivity	This Histone H3 antibody exhibits minimal cross reactivity with linker histone H1 and no cross-reactivity with histone core proteins H2A, H2B, or H4.
Immunogen	This Histone H3 antibody was raised against intact calf histone H3 at 15.4 kD, 136 amino acids, complexed with RNA.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Single Cell Western
Recommended Dilutions	Western Blot 1:300, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:1000, Immunohistochemistry-Paraffin 1:100, Single Cell Western 100 ug/mL
Application Notes	Use in Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID: 30123962). SCW is validated using primary murine germ cells.

Images

Immunohistochemistry-Paraffin: Histone H3 Antibody [NB100-747] - Human Prostate 5 ug/ml.



Publications

Dell'Orso S, Juan AH, Ko KD et al. Single-cell analysis of adult skeletal muscle stem cells in homeostatic and regenerative conditions *Development* 2019-03-19 [PMID: 30890574] (WB, Human)

Fernandez-Vega I, Diaz-Lucena D, Azkune Calle I et al. Sporadic Creutzfeldt-Jakob disease with glial PrPRes nuclear and perinuclear immunoreactivity *Neuropathology* 2018-08-19 [PMID: 30123962] (ICC/IF, Human)

Kasemeier-Kulesa JC, Schnell S, Woolley T et al. Predicting neuroblastoma using developmental signals and a logic-based model *Biophys. Chem.* 2018-07-01 [PMID: 29734136] (Human)

McLennan R, Bailey CM, Schumacher LJ et al. DAN (NBL1) promotes collective neural crest migration by restraining uncontrolled invasion. *J. Cell Biol.* 2017-08-15 [PMID: 28811280] (Human)

Dart DA et al. Recruitment of the cell cycle checkpoint kinase ATR to chromatin during S-phase. *J Biol Chem* 279:16433-40. 2004-01-01 [PMID: 17468514] (WB)

Capozzo AV, Burke DJ, Fox JW, Bergmann IE, La Torre JL, Grigera PR. Expression of foot and mouth disease virus non-structural polypeptide 3ABC induces histone H3 cleavage in BHK21 cells. *Virus Res*;90(1-2):91-9. 2002-12-01 [PMID: 12457965] (WB)





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Products Related to NB100-747

NB820-59425	Human Colon Whole Tissue Lysate (Adult Whole Tumor)
HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep 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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