

Product Datasheet

Histone H2B, member S Antibody NB100-56347SS

Unit Size: 0.025 mg

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

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Publications: 5

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NB100-56347SS

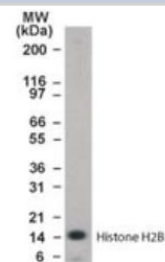
Histone H2B, member S Antibody

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.025 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.05% Sodium Azide |
| Purity | Protein G purified |
| Buffer | PBS containing 0.05% BSA |
| Product Description | |
| Host | Rabbit |
| Gene ID | 54145 |
| Gene Symbol | H2BFS |
| Species | Human, Mouse, Rat, Canine, Chicken, Drosophila, Mammal, Zebrafish |
| Species Reactivity | Reacts with Chicken, Dog, Drosophila, Human, Most Mammals, Mouse, Rat and Zebrafish. his peptide sequence is 100% conserved between multiple species including human, mouse, rat, dog, chimpanzee, cow, chicken, duck, zebrafish, and drosophila. |
| Specificity/Sensitivity | A 15 kDa band is observed. This antibody is routinely quality controlled in human lysates. |
| Immunogen | This antibody was generated by immunizing rabbits with a synthetic peptide corresponding to amino acid residues 111-125 AVSEGTKAVTKYTSS of human Histone H2B; GenBank no. CAI19747.1. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry-Paraffin 10 ug/ml, Western Blot 2 ug/ml |



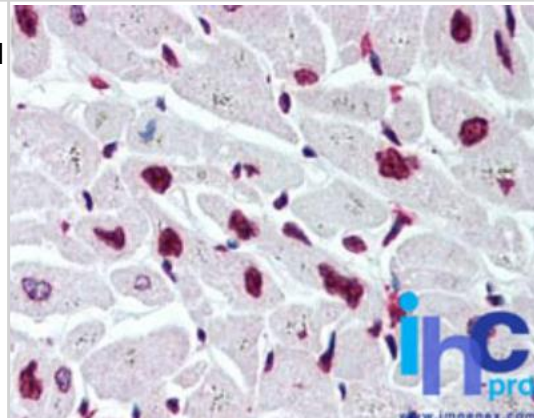
Images

Western Blot: Histone H2B, member S Antibody [NB100-56347] - Top: Western blot analysis of Histone H2B in human PBMC lysate with NB100-56347. Bottom: Western blot analysis of fractionated Cos-7 cells using NB100-56347 anti-Histone H2B. Cos-7 cells were fractionated into nuclear cytosolic/membrane fractions. Approximately 15ug of each fraction was separated on SDS PAGE. Lane 1, Nuclear fraction. Lane 2, Cytosolic/membrane fraction.

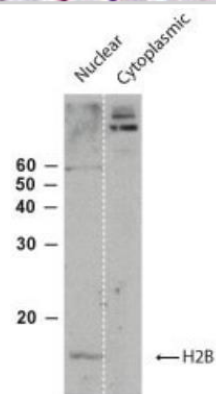


Immunohistochemistry-Paraffin: Histone H2B, member S Antibody [NB100-56347] - Formalin-fixed, paraffin-embedded human heart stained with Histone H2B antibody at 10 ug/ml.

Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM sodium citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.



Western Blot: Histone H2B, member S Antibody [NB100-56347] - Analysis of Histone H2B using NB100-56347 at 1:250 in nuclear and cytoplasmic fractions made from Drosophila head extracts using Novus' Nuclear Extraction Kit. Data courtesy of Dr. Jerry Yin, University of Wisconsin-Madison.



Publications

Myllynen L. Regulation of DNA Repair by EGF Receptor Signaling After X-Irradiation. Thesis. 2014 Jan 23 (WB, Human)

Banerjee M, Datta M, Majumder P et al. Transcription regulation of caspase-1 by R393 of HIPPI and its molecular partner HIP-1. Nucleic Acids Res. 2010 Jan [PMID: 19934260]

Golks A, Tran TT, Goetschy JF, Guerini D. Requirement for O-linked N-acetylglucosaminyltransferase in lymphocytes activation. EMBO J. 2007 Oct 17 [PMID: 17882263]

Husted RF, Lu H, Sigmund RD, Stokes JB. Oxygen regulation of the epithelial Na channel in the collecting duct. Am J Physiol Renal Physiol. 2011 Feb [PMID: 21123494]

Wright DC, Han DH, Garcia-Roves PM et al. Exercise-induced mitochondrial biogenesis begins before the increase in muscle PGC-1alpha expression. J Biol Chem. 2007 Jan 5 [PMID: 17099248]



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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 guarantee, please visit www.novusbio.com/guarantee.

