Datasheet for ABIN2856998

anti-Histone H3.3B antibody (full length)

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Overview

Quantity:	100 µL
Target:	Histone H3.3B (HIS3.3B)
Binding Specificity:	full length
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H3.3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Full length human Histone H3.3B Recombinant protein.
Characteristics:	Rabbit Polyclonal antibody to Histone H3.3B (H3 histone, family 3B (H3.3B)) Histone H3.3B antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Histone H3.3B (HIS3.3B)
Alternative Name:	Histone H3.3B (HIS3.3B Products)
Gene ID:	3021

Application Details

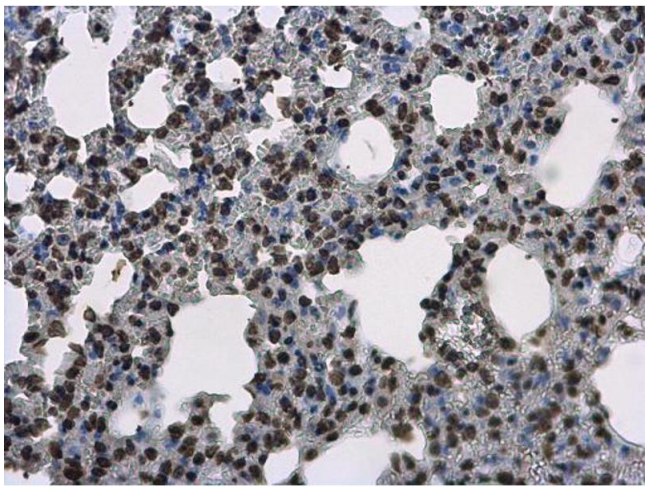
Application Notes:	WB: 1:500-1:20000, IHC-P: 1:100-1:1000 [suggested antigen retrieval using heat mediated 10 mM Citrate buffer (pH 6.0) or Tris-EDTA buffer (pH 8.0)], ICC/IF: 1:100-1:1000. Not yet tested in other applications. Optimal working dilutions should be determined experimentally by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

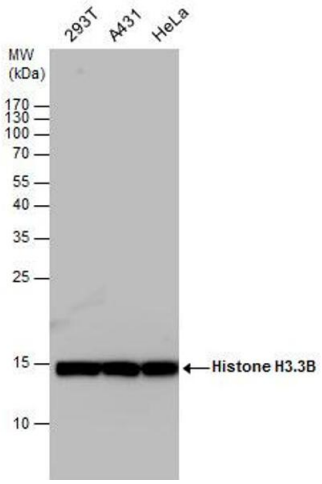
Publications

Product cited in:	Schroeder, Jakovcevski, Polacheck, Drori, Luoni, Röh, Zaugg, Ben-Dor, Albrecht, Chen: "Placental miR-340 mediates vulnerability to activity based anorexia in mice." in: **Nature communications**, Vol. 9, Issue 1, pp. 1596, (2018) (PubMed).



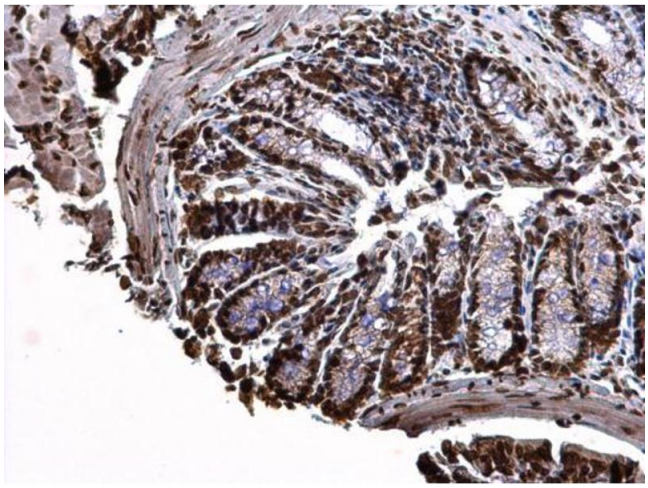
Immunohistochemistry

Image 1. IHC-P Image Histone H3.3B antibody detects Histone H3.3B protein at nucleus on mouse lung by immunohistochemical analysis. Sample: Paraffin-embedded mouse lung. Histone H3.3B antibody , diluted at 1:500.



Western Blotting

Image 2. WB Image Histone H3.3B antibody detects Histone H3.3B protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3.3B antibody , diluted at a dilution of 1:10000.



Immunohistochemistry

Image 3. IHC-P Image Histone H3.3B antibody detects Histone H3.3B protein at nucleus on mouse prostate by immunohistochemical analysis. Sample: Paraffin-embedded mouse prostate. Histone H3.3B antibody , dilution: 1:500.

Please check the product details page for more images. Overall 15 images are available for ABIN2856998.