

# Product Datasheet

## Histone H3 [Dimethyl Lys9] Antibody (SN07-30) NBP2-67685

Unit Size: 100 ul

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

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**NBP2-67685****Histone H3 [Dimethyl Lys9] Antibody (SN07-30)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SN07-30
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	15 kDa

**Product Description**

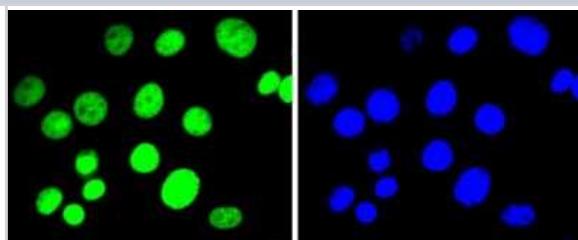
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	H3C14
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within human Histone H3 aa 1-49/136. (SwissProt: P68431 Human; SwissProt: P84243 Human; SwissProt: Q16695 Human; SwissProt: Q6NXT2 Human; SwissProt: Q71DI3 Human; SwissProt: P68433 Mouse; SwissProt: Q6LED0 Rat)

**Product Application Details**

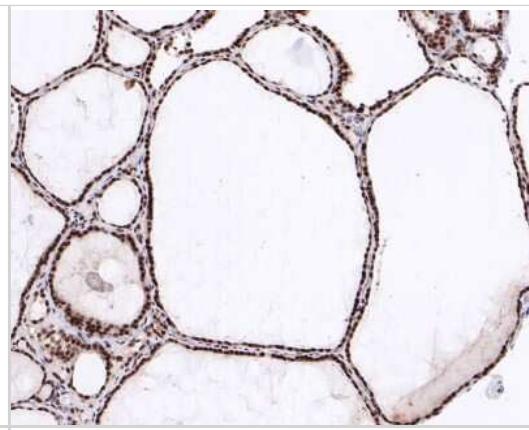
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

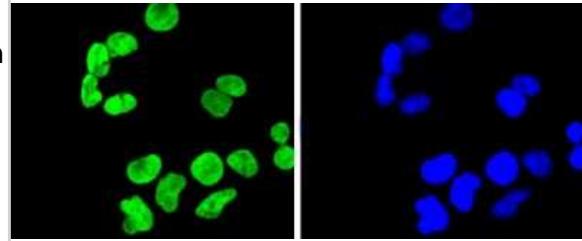
Immunocytochemistry/Immunofluorescence: Histone H3 [Dimethyl Lys9] Antibody (SN07-30) [NBP2-67685] - Staining Histone H3(di methyl K9) in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



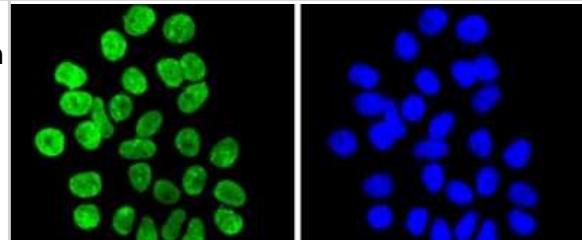
Immunohistochemistry-Paraffin: Histone H3 [Dimethyl Lys9] Antibody (SN07-30) [NBP2-67685] - Immunohistochemical analysis of paraffin-embedded human thyroid tissue using anti-Histone H3 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



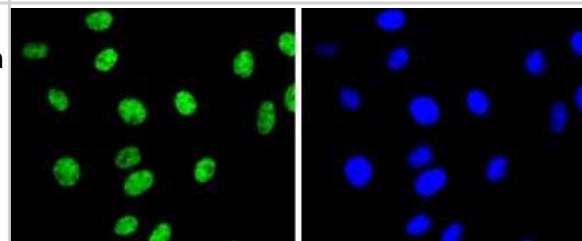
Immunocytochemistry/Immunofluorescence: Histone H3 [Dimethyl Lys9] Antibody (SN07-30) [NBP2-67685] - Staining Histone H3(di methyl K9) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



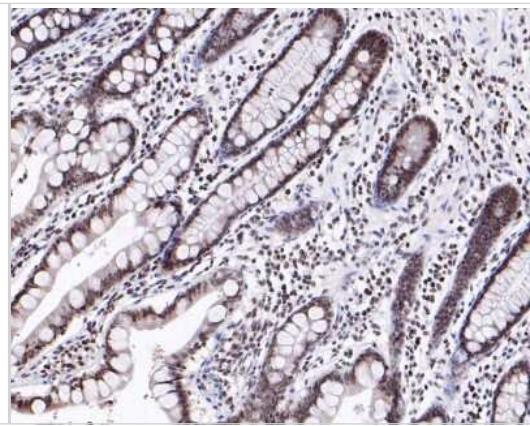
Immunocytochemistry/Immunofluorescence: Histone H3 [Dimethyl Lys9] Antibody (SN07-30) [NBP2-67685] - Staining Histone H3(di methyl K9) in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Histone H3 [Dimethyl Lys9] Antibody (SN07-30) [NBP2-67685] - Staining Histone H3(di methyl K9) in L6 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Histone H3 [Dimethyl Lys9] Antibody (SN07-30) [NBP2-67685] - Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-Histone H3 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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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.

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