Histone H3 (acetyl K56) Rabbit mAb

Catalog No: #58632

Package Size: #58632-1 50ul #58632-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Histone H3 (acetyl K56) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Histone H3 (acetyl K56) Antibody detects endogenous levels of total Histone H3 (acetyl K56)
Immunogen Description	A synthesized peptide derived from human Histone H3 (acetyl K56)
Other Names	H3/a; H3/c; H3/d; H3/f; H3/h; H3/i; H3/j; H3/k; H3/l; H31; HIST1H3A; histone H3.1;
Accession No.	Uniprot:P68431
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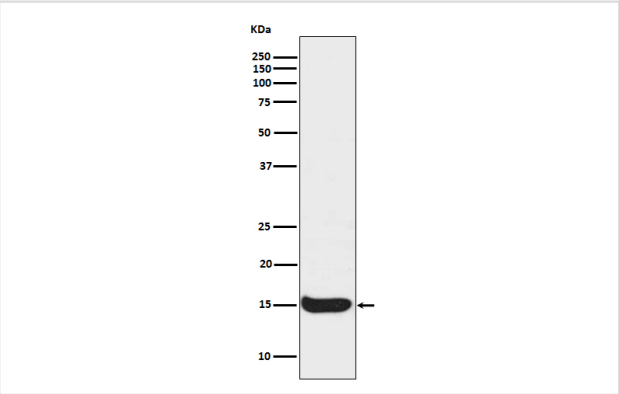
Calculated MW	15kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

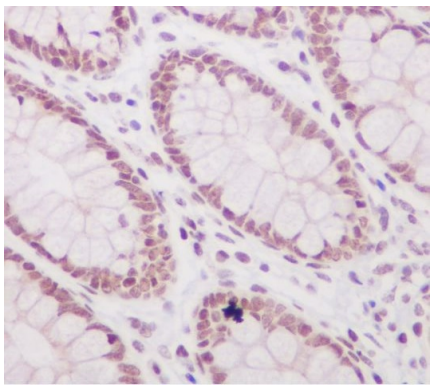
Application Details

WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200

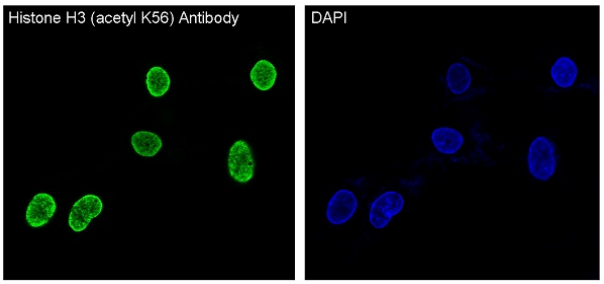
Images



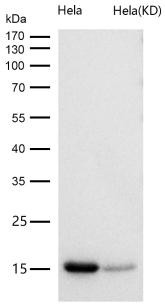
Western blot analysis of Histone H3 (acetyl K56) expression in C6 cell lysate, treated with TSA.



Immunohistochemical analysis of paraffin-embedded human colon, using Histone H3 (acetyl K56) Antibody.



Immunofluorescent analysis of Hela cells, using Histone H3 (acetyl K56) Antibody.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Product Description

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Background

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Note: This product is for in vitro research use only