Histone H3 (mono+di+tri methyl K79) Rabbit mAb

Catalog No: #58815

Package Size: #58815-1 50ul #58815-2 100ul

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

Description

Product Name	Histone H3 (mono+di+tri methyl K79) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Specificity	Histone H3 (mono+di+tri methyl K79) Antibody detects endogenous levels of total Histone H3 (mono+di+tri methyl K79)
Immunogen Description	A synthesized peptide derived from human Histone H3 (mono+di+tri methyl K79)
Other Names	H3 histone; HIST1H3A; Histone cluster 1, H3a;H3/l; HIST3H3; H3K79me1; H3K79me2; H3K79me3;
Accession No.	Uniprot:P68431
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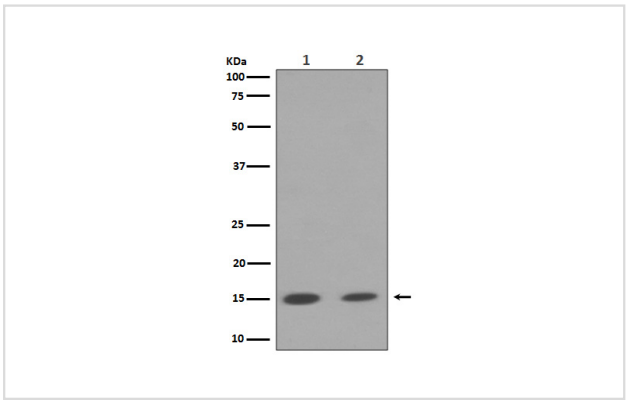
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

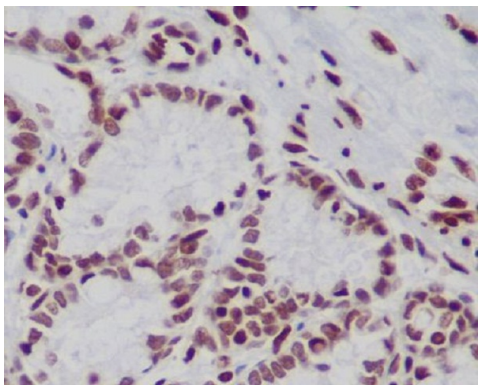
Application Details

WB 1:500~1:1000 IHC 1:1000~1:2000

Images



Western blot analysis of Histone H3 (mono+di+tri methyl K79) expression in (1) NIH/3T3 cell lysate; (2) A549 cell lysate.



Immunohistochemical analysis of paraffin-embedded rat colon, using Histone H3 (mono+di+tri methyl K79) Antibody.

Product Description

H3 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. The nucleosome is a histone octamer containing two molecules each of H2A, H2B, H3 and H4 assembled in one H3-H4 heterotetramer and two H2A-H2B heterodimers.

Background

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Note: This product is for in vitro research use only