

Histone H3 (Phospho-Ser10) Rabbit mAb

Catalog No: #14140

Package Size: #14140-1 50ul #14140-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

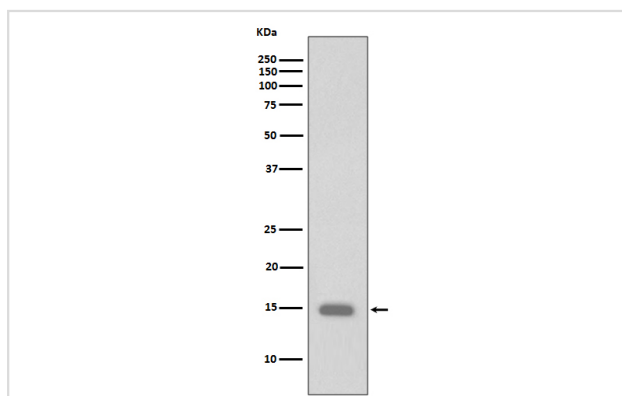
Description

Product Name	Histone H3 (Phospho-Ser10) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	Phospho-Histone H3 (S10) Antibody detects endogenous levels of total Phospho-Histone H3 (S10)
Immunogen Description	A synthesized peptide derived from human Phospho-Histone H3 (S10)
Other Names	H3 histone, family 3A; H3 histone, family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3; H3F3A; H3F3B; Histone H3.3;
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 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.

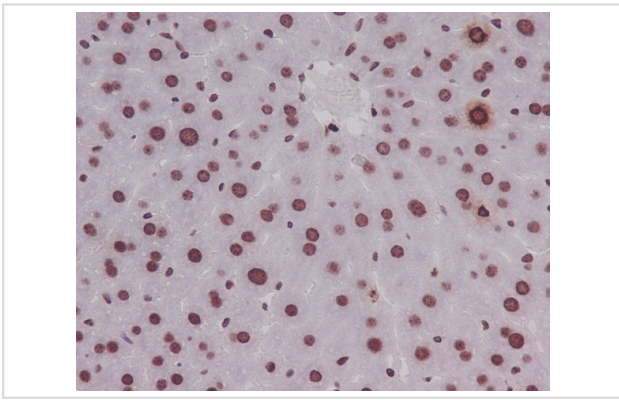
Application Details

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

Images



Western blot analysis of Phospho-Histone H3 (S10) expression in HeLa cell lysate treated with calyculin A.



Immunohistochemical analysis of paraffin-embedded mouse liver, using Phospho-Histone H3 (S10) Antibody.

Product Description

Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template.

Note: This product is for in vitro research use only