

Histone H4 (tri methyl K20) Rabbit mAb

Catalog No: #HW226



Package Size: #HW226-1 50ul #HW226-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

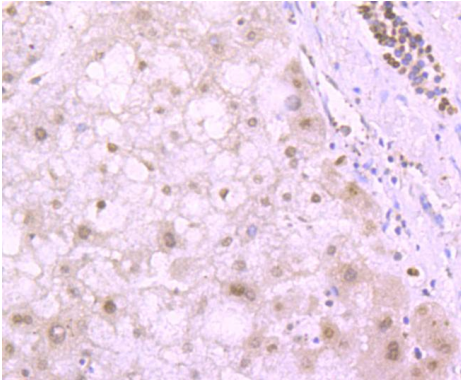
Description

| | |
|-----------------------|---|
| Product Name | Histone H4 (tri methyl K20) Rabbit mAb |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Clone No. | ST044-07 |
| Purification | ProA affinity purified |
| Applications | WB, IHC |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | recombinant protein |
| Other Names | Histone gene cluster 1, H4A antibody Histone gene cluster 2, H4 antibody dJ160A22.1 antibody dJ160A22.2 antibody dJ221C16.1 antibody dJ221C16.9 antibody FO108 antibody H4 antibody H4 histone family, member A antibody H4 histone family, member B antibody H4 histone family, member C antibody H4 histone family, member D antibody H4 histone family, member E antibody H4 histone family, member G antibody H4 histone family, member H antibody H4 histone family, member I antibody H4 histone family, member J antibody H4 histone family, member K antibody H4 histone family, member M antibody H4 histone family, member N antibody H4 histone, family 2 antibody H4/A antibody H4/B antibody H4/C antibody H4/D antibody H4/E antibody H4/G antibody H4/H antibody H4/I antibody H4/J antibody H4/K antibody H4/M antibody H4/N antibody H4/O antibody H4/p antibody H4_HUMAN antibody H4F2 antibody H4F2iii antibody H4F2iv antibody H4FA antibody H4FB antibody H4FC antibody H4FD antibody H4FE antibody H4FG antibody H4FH antibody H4FI antibody H4FJ antibody H4FK antibody HIST1 cluster, H4A antibody HIST1 cluster, H4B antibody HIST1 cluster, H4D antibody HIST2H4 antibody Hist4 cluster, H4 antibody Hist4h4 antibody histone 1, H4a antibody histone 1, H4c antibody histone 1, H4d antibody histone 1, H4f antibody histone 1, H4h antibody histone 1, H4i antibody histone 1, H4j antibody histone 1, H4k antibody histone 1, H4l antibody histone 2, H4a antibody histone 2, H4b antibody Histone 4 family, member M antibody histone 4, H4 antibody histone cluster 1, H4 antibody histone cluster 1, H4a antibody histone cluster 1, H4b antibody histone cluster 1, H4c antibody histone cluster 1, H4d antibody histone cluster 1, H4e antibody histone cluster 1, H4f antibody histone cluster 1, H4h antibody histone cluster 1, H4i antibody histone cluster 1, H4j antibody histone cluster 1, H4k antibody histone cluster 1, H4l antibody histone cluster 2, H4a antibody histone cluster 2, H4b antibody histone cluster 4, H4 antibody Histone family, member A antibody Histone family, member B antibody Histone family, member D antibody Histone family, member H antibody Histone family, member I antibody Histone family, member L antibody Histone gene cluster 1, H4 antibody Histone gene cluster 1, H4D antibody Histone gene cluster 1, H4E antibody Histone gene cluster 1, H4K antibody Histone gene cluster 4, H4 antibody Histone gene cluster 4, H4 histone antibody Histone H4 antibody histone IV, family 2 antibody |
| Accession No. | Swiss-Prot#:P62805 |
| Uniprot | P62805 |
| GeneID | 121504;554313;8294;8359;8360;8361;8362;8363;8364;8365;8366;8367;8368;8370; |
| Calculated MW | 11 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |

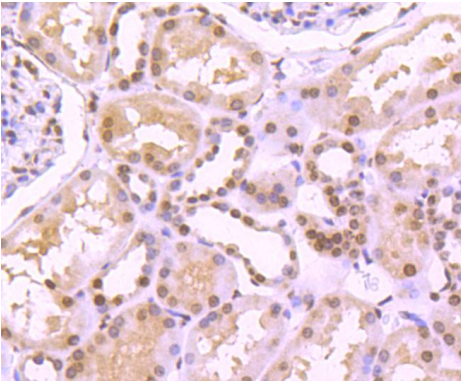
Application Details

WB: 1:1,000 IHC: 1:50-1:200

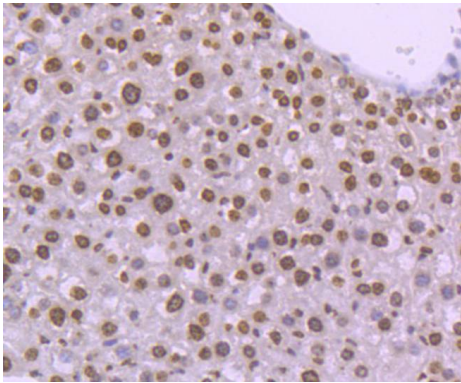
Images



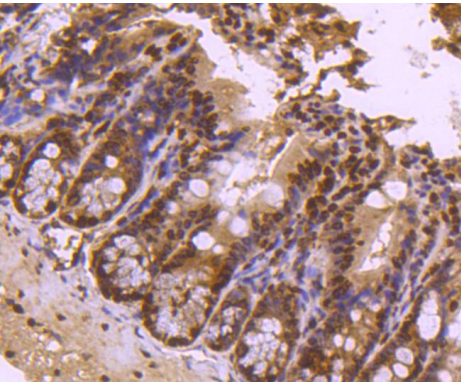
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Histone H4 (tri methyl K20) antibody. Counter stained with hematoxylin.



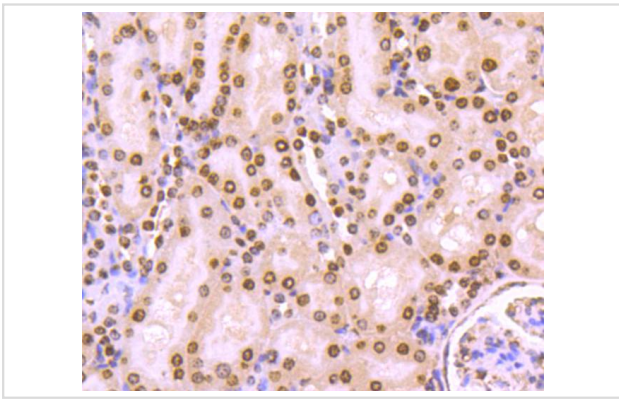
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Histone H4 (tri methyl K20) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Histone H4 (tri methyl K20) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H4 (tri methyl K20) antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Histone H4 (tri methyl K20) antibody. Counter stained with hematoxylin.

Background

Eukaryotic histones are basic and water soluble nuclear proteins that form hetero-octameric nucleosome particles by wrapping 146 base pairs of DNA in a left-handed super-helical turn sequentially to form chromosomal fibers. Two molecules of each of the four core histones (H2A, H2B, H3 and H4) form the octamer, which is comprised of two H2A-H2B dimers and two H3-H4 dimers, forming two nearly symmetrical halves by tertiary structure. Histones are subject to posttranslational modification by enzymes primarily on their N-terminal tails, but also in their globular domains. Human and mouse Histone H4 are subject to trimethylation at Lys 20, a modification that may be necessary for select DNA transactions or chromatin state transitions.

References

Note: This product is for in vitro research use only