

Histone H4K20me2 Polyclonal Antibody

Catalog No: #HW032

Package Size: #HW032-1 50ul #HW032-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

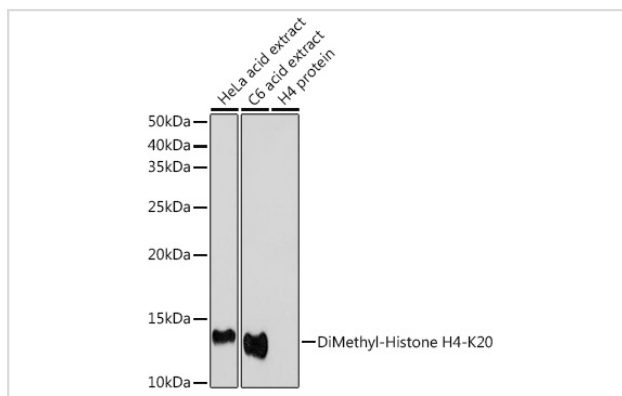
Description

Product Name	Histone H4K20me2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Type	Peptide
Immunogen Description	A synthetic methylated peptide of human histone H4
Target Name	Histone H4
Modification	Methyl
Other Names	FO108;H4;H4/n;H4F2;H4FN;HIST2H4;Histone H4;HIST1H4A;HIST2H4A
Accession No.	Uniprot:P62805GenelD:8370
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GenelD	8370
SDS-PAGE MW	11kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

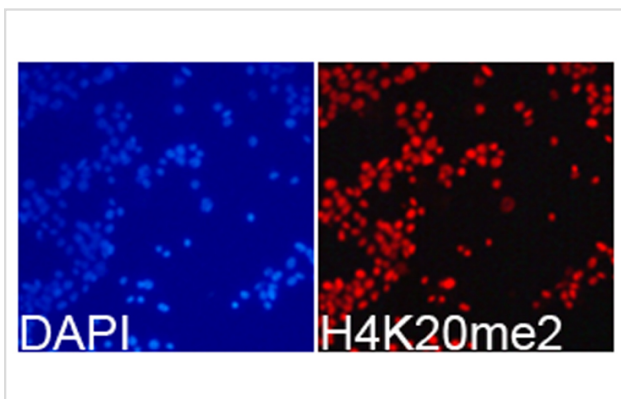
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

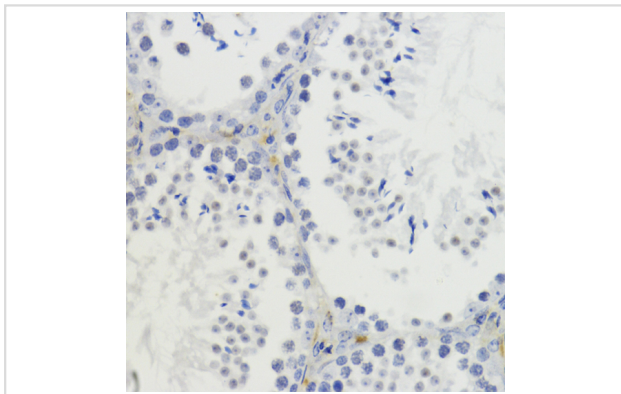
Images



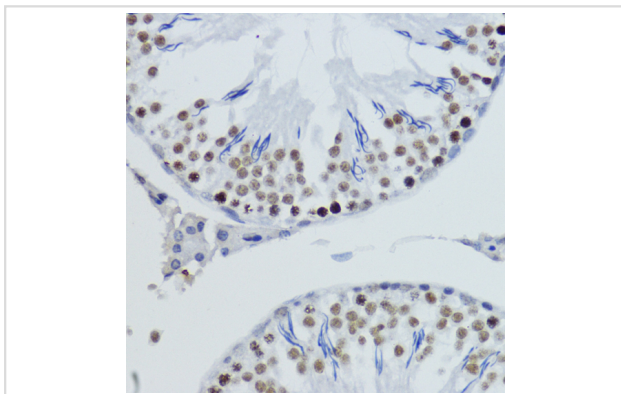
Western blot analysis of extracts of various cell lines, using DiMethyl-Histone H4-K20 antibody.



Immunofluorescence analysis of 293T cells using DiMethyl-Histone H4-K20 antibody.



Immunohistochemistry of paraffin-embedded mouse testis using DiMethyl-Histone H4-K20 antibody.



Immunohistochemistry of paraffin-embedded rat testis using DiMethyl-Histone H4-K20 antibody.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.

Note: This product is for in vitro research use only