

## Histone H4K20me3 Polyclonal Antibody

Catalog No: #HW033

Package Size: #HW033-1 50ul #HW033-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

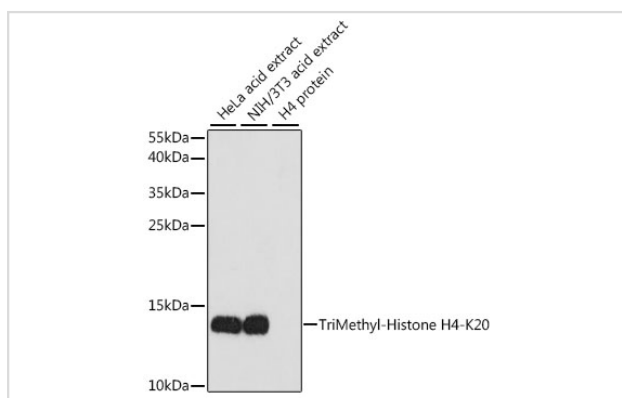
## Description

Product Name	Histone H4K20me3 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.

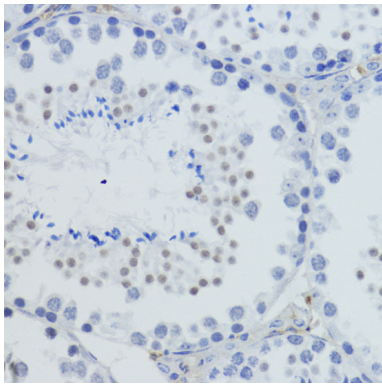
## Application Details

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

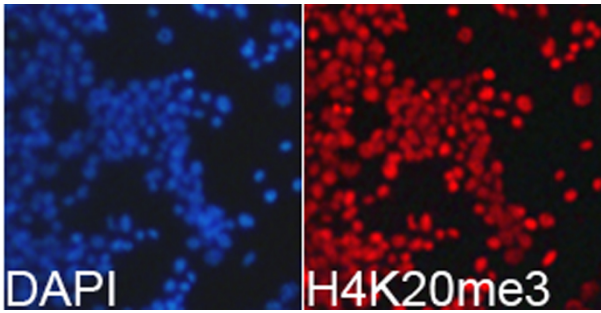
## Images



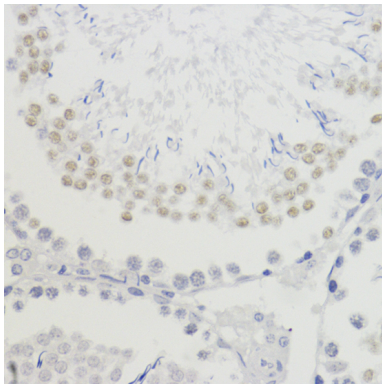
Western blot analysis of extracts of various cell lines, using TriMethyl-Histone H4-K20 antibody.



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



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



Immunohistochemistry of paraffin-embedded rat testis using TriMethyl-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