

Histone H4R3me1 Polyclonal Antibody

Catalog No: #HW026



Package Size: #HW026-1 50ul #HW026-2 100ul

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

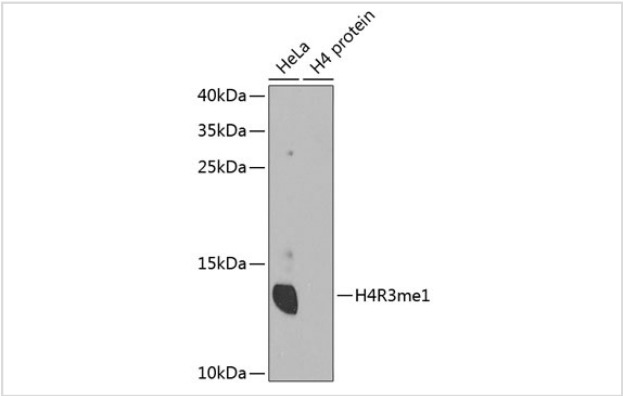
Description

Product Name	Histone H4R3me1 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 peptide of human MonoMethyl-Histone H4-R3
Conjugates	Unconjugated
Target Name	Histone H4
Modification	Methyl
Other Names	HIST1H4B;H4/I;H4FI;histone H4;Histone H4;HIST1H4A;HIST2H4A;FO108;H4;H4/n;H4F2;H4FN;HIST2H4
Accession No.	Uniprot:P62805GeneID:8366
SDS-PAGE MW	13kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

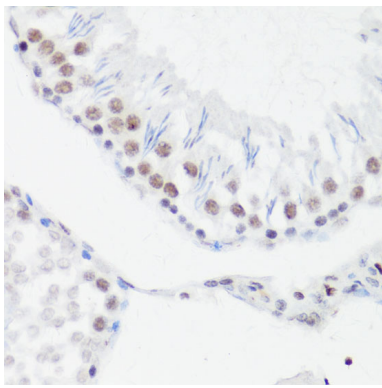
Application Details

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

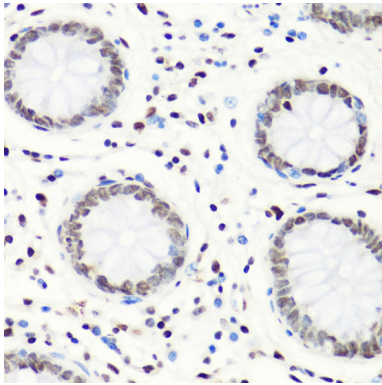
Images



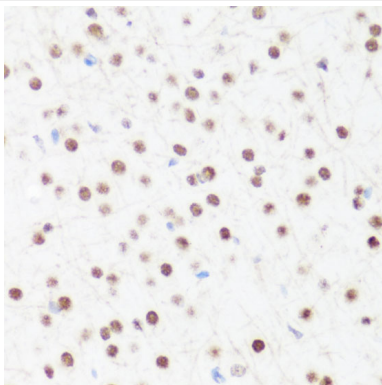
Western blot analysis of extracts of various cell lines, using MonoMethyl-Histone H4-R3 antibody.



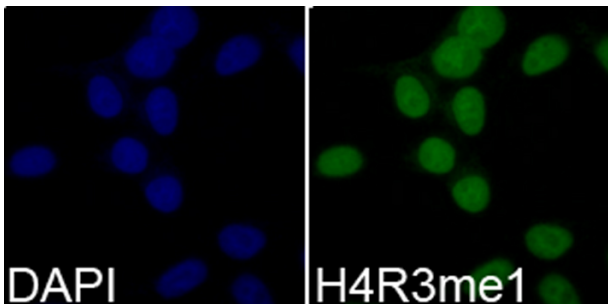
Immunohistochemistry of paraffin-embedded rat testis using MonoMethyl-Histone H4-R3 antibody.



Immunohistochemistry of paraffin-embedded human colon using MonoMethyl-Histone H4-R3 antibody.



Immunohistochemistry of paraffin-embedded mouse brain using MonoMethyl-Histone H4-R3 antibody.



Immunofluorescence analysis of 293T cells using MonoMethyl-Histone H4-R3 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 and is not intended for use in humans or animals.