Product Datasheet

Histone H3R2me2s Polyclonal Antibody

Catalog No: #HW014

Package Size: #HW014-1 50ul #HW014-2 100ul

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

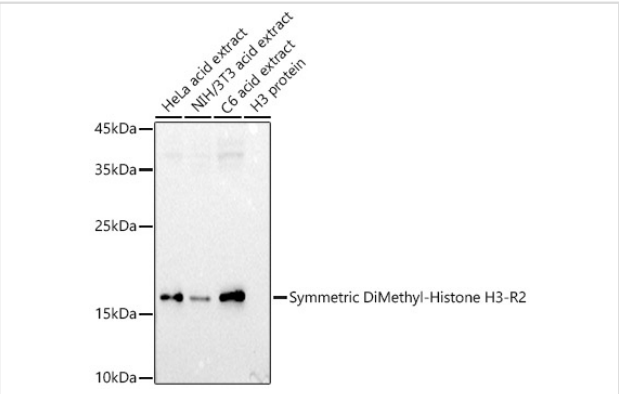
Description

Product Name	Histone H3R2me2s 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 H3
Conjugates	Unconjugated
Target Name	Histone H3
Modification	Methyl
Other Names	H3.4;H3/g;H3FT;H3t;HIST3H3;Histone H3;HIST1H3A
Accession No.	Uniprot:Q16695GeneID:8290
SDS-PAGE MW	17KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

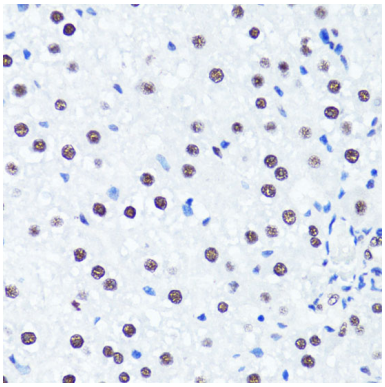
Application Details

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

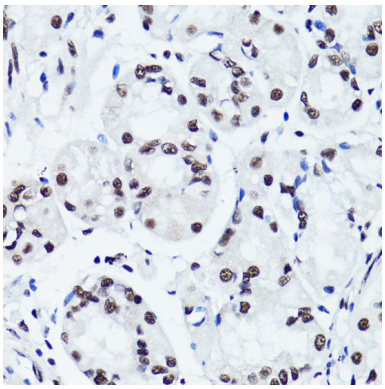
Images



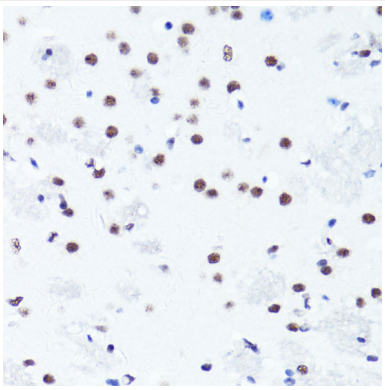
Western blot analysis of extracts of various cell lines, using Symmetric DiMethyl-Histone H3-R2 antibody.



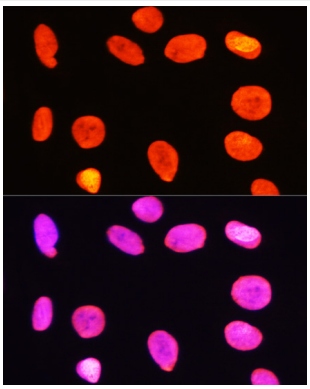
Immunohistochemistry of paraffin-embedded rat liver using Symmetric DiMethyl-Histone H3-R2 antibody.



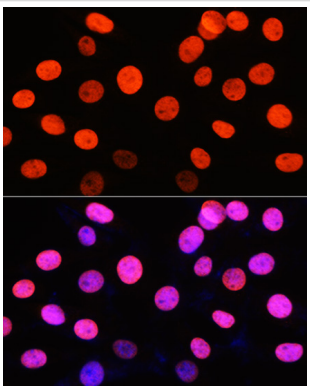
Immunohistochemistry of paraffin-embedded human stomach using Symmetric DiMethyl-Histone H3-R2 antibody.



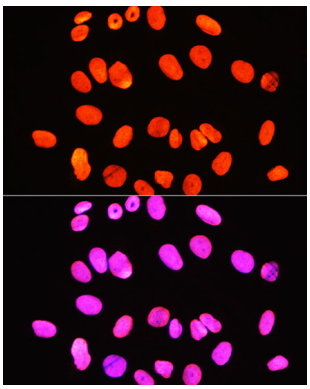
Immunohistochemistry of paraffin-embedded mouse brain using Symmetric DiMethyl-Histone H3-R2 antibody.



Immunofluorescence analysis of C6 cells using Symmetric DiMethyl-Histone H3-R2 Rabbit pAb.



Immunofluorescence analysis of NIH-3T3 cells using Symmetric DiMethyl-Histone H3-R2 Rabbit pAb.



Immunofluorescence analysis of U-2 OS cells using Symmetric DiMethyl-Histone H3-R2 Rabbit pAb.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.