#HW012

Histone H3K79me2 Polyclonal Antibody

Catalog: HW012 100μl

Storage: Store at -20℃ or -80℃. Avoid freeze / thaw cycles.

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Web: www.sabbiotech.com

Application	Species Reactivity	Source	Molecular Wt.
WB IHC IF IP ChIP	Hu Mu Rt Other(Wide range)	Rabbit Polyconal Ab	16kDa

Description: Antibodies were produced by immunizing rabbits and were purified by antigen affinity-chromatography.

Immunogen: A synthetic peptideof human Histone H3K79me2

Formulation: Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: H3.4; H3/g; H3FT; H3t; MGC126886; MGC126888;

Accession No.: Gene ID: 8290 Swiss Prot: Q16695

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 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.

Application:

Recommended Dilutions:

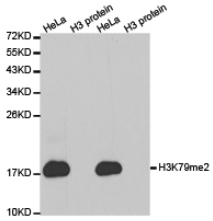
WB 1:500 - 1:1000

IHC 1:50- 1:100

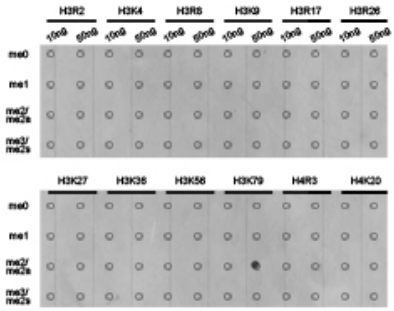
IF 1:50- 1:200

IP 1:50- 1:200

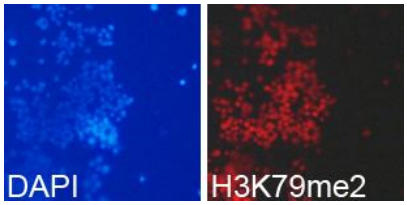
ChIP 1:50- 1:200



Western blot analysis of extracts of HeLa cell line and H3 protein expressed in E.coli., using H3K79me2 antibody.



Dot-blot analysis of all sorts of methylation peptidesusing H3K79me2 antibody.



Immunofluorescence analysis of 293T cell using H3K79me2 antibody. Blue: DAPI for nuclear staining.

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

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