

H3K79me2 polyclonal antibody
Purified Rabbit Polyclonal Antibody
Catalog # ADN10045

Specification

H3K79me2 polyclonal antibody - Product Information

Application **CHIP, E, DB, WB**
 Primary Accession [P68431](#)
 Reactivity **Human**
 Host **Rabbit**
 Clonality **Polyclonal**
 Calculated MW **15404**

H3K79me2 polyclonal antibody - Additional Information

Gene ID 8350;8351;8352;8353;8354;8355;
 8356;8357;8358;8968

Other Names

Histone H3.1, Histone H3/a, Histone H3/b,
 Histone H3/c, Histone H3/d, Histone H3/f,
 Histone H3/h, Histone H3/i, Histone H3/j,
 Histone H3/k, Histone H3/l, HIST1H3A, H3FA

Target/Specificity

H3K79me2

Precautions

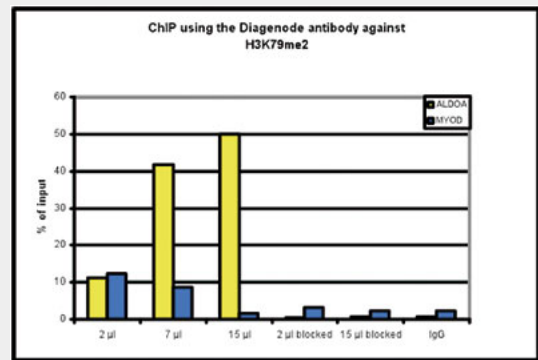
H3K79me2 polyclonal antibody is for research use only and not for use in diagnostic or therapeutic procedures.

H3K79me2 polyclonal antibody - Protein Information

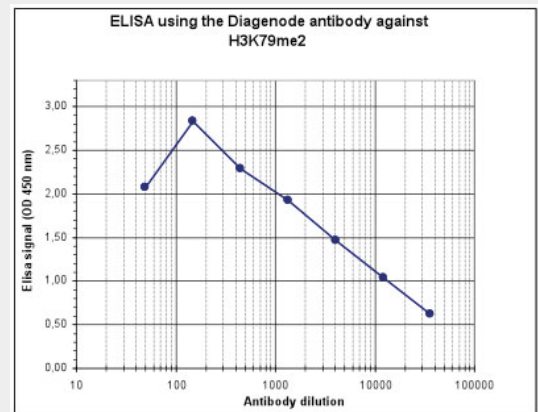
Name H3C1 ([HGNC:4766](#))

Function

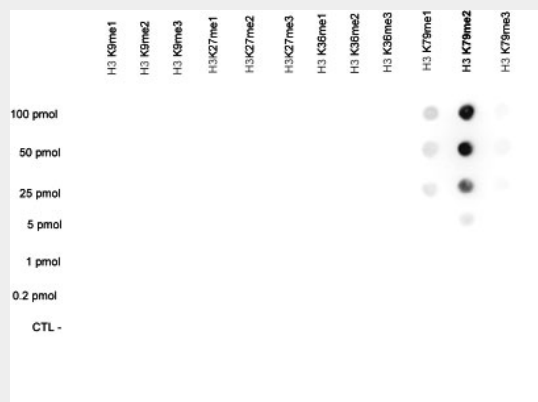
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and



ChIP results obtained with the antibody directed against H3K79me2



Determination of the titer



Cross reactivity test using the antibody directed against H3K79me2

nucleosome remodeling.

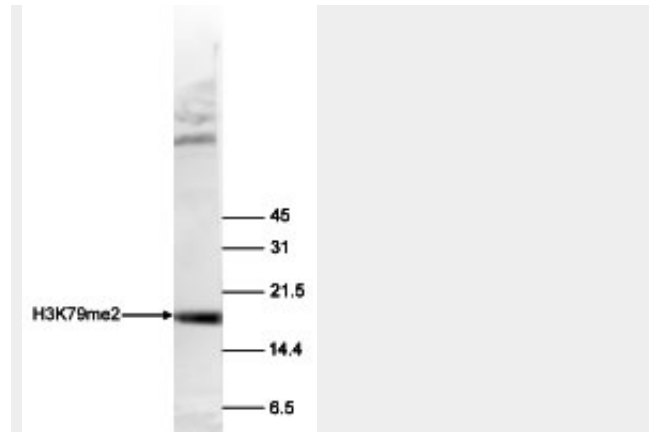
Cellular Location

Nucleus. Chromosome.

H3K79me2 polyclonal antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



Western blot analysis using the antibody directed against H3K79me2

H3K79me2 polyclonal antibody - Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

H3K79me2 polyclonal antibody - References

- Zhong R., et al. *Nucleic Acids Res.* 11:7409-7425(1983).
Marashi F., et al. *Biochem. Cell Biol.* 64:277-289(1986).
Albig W., et al. *Genomics* 10:940-948(1991).
Kardalidou E., et al. *J. Cell. Biochem.* 52:375-383(1993).
Runge D., et al. Submitted (OCT-1994) to the EMBL/GenBank/DDBJ databases.