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H3K18ac polyclonal antibody

Purified Rabbit Polyclonal Antibody
Catalog # ADN10117

Specification

H3K18ac polyclonal antibody - Product Information

Application	**E, DB, WB, IF**
Primary Accession	P68431
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**15404**

H3K18ac 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

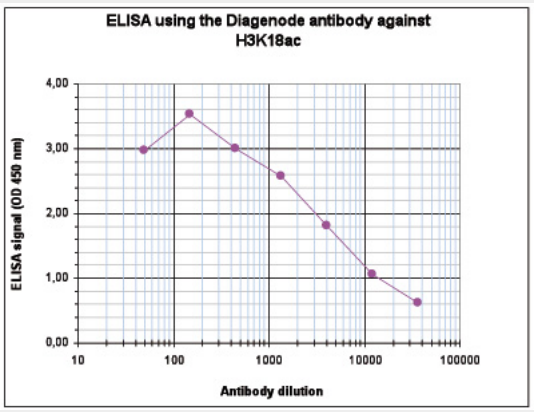
Target/Specificity
H3K18ac

Precautions
H3K18ac polyclonal antibody is for research use only and not for use in diagnostic or therapeutic procedures.

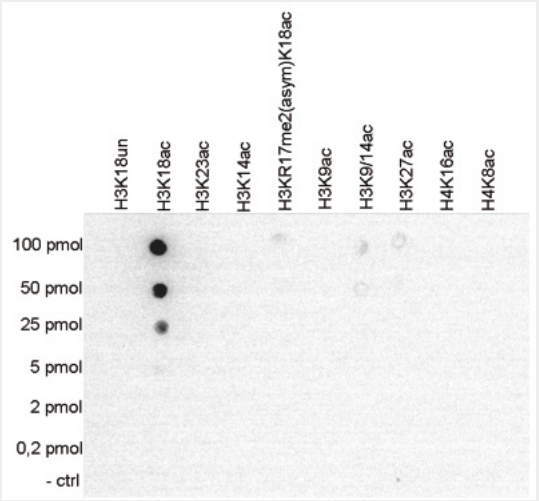
H3K18ac polyclonal antibody - Protein Information

Name H3C1 (HGNC:4766)

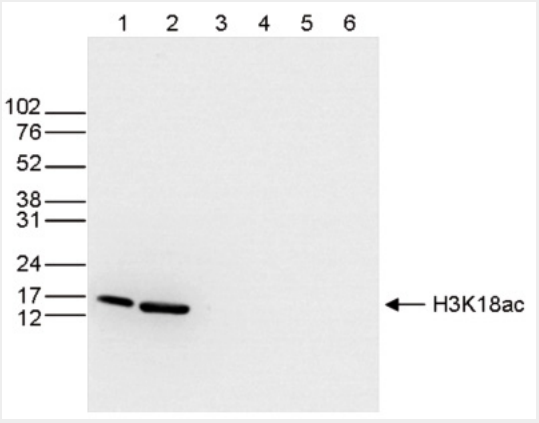
Function
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA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



Determination of the antibody titer



Cross reactivity tests using the antibody directed against H3K18ac



nucleosome remodeling.

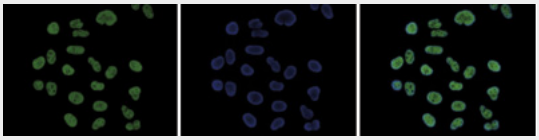
Cellular Location
Nucleus. Chromosome.

H3K18ac 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 Cytomety
- Cell Culture

Western blot analysis using the antibody directed against H3K18ac



Immunofluorescence using the antibody directed against H3K18ac

H3K18ac 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.

H3K18ac polyclonal antibody - References

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Marashi F.,et al.Biochem. Cell Biol. 64:277-289(1986).
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