

Histone H3 (acetyl K23) Rabbit mAb [i9uv]

Cat NO. :A78635

Information:

| Applications | Reactivity: | UniProt ID: | MW(kDa) | Host | Isotype | Size |
|----------------|-------------|----------------------------------------|---------|--------|---------|------------------|
| WB ICC/IF ChIP | Human Mouse | P68431/P84243/Q16695/ Q6NXT2/Q71DI3 | 15kDa | Rabbit | IgG | 50ul,100ul,200ul |

Applications detail:

| Application | Dilution |
|------------------------------------------------------------|-------------|
| WB | 1:1000-2000 |
| ICC/IF | 1:100 |
| The optimal dilutions should be determined by the end user | |

Conjugate:

UnConjugate

Form:

Liquid

sensitivity:

Endogenous

Purification:

Affinity-chromatography

Specificity:

Antibody is produced by immunizing animals with A synthesized peptide derived from Histone H3 (acetyl K23)

Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity:

Subcellular location:

Nucleus. Chromosome.

Function:

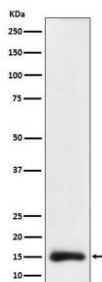
Introduction: **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/ Immunofluorescence **F:** Flow Cytometry

Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vr:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine
Dg: dog **Pg:** pig **Hr:** horse

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.

Validation Data:

Histone H3 (acetyl K23) Rabbit mAb [i9uv] Images



Western blot (SDS PAGE) analysis of extracts from HeLa cell treated with TSA cell lysate. Using Histone H3 (acetyl K23) Rabbit mAb [i9uv] at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.