Acetyl-Histone H3 (Lys27) Polyclonal Antibody

Catalog No. E-AB-20206

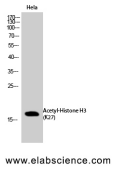
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat,Monkey
Immunogen	Synthesized peptide derived from human Histone H3 around the acetylation site of K27
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:300
IF	1:200-1:1000
ELISA	1:5000

Data



Western Blot analysis of Hela cells using Histone H3 (Acetyl Lys27) Polyclonal Antibody at dilution of 1:2000.

Observed Mw:17kDa

Calculated Mw:15kDa

Preparation & Storage

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

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.

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