

Mono-Methyl-Histone H3 (Lys5) Polyclonal Antibody

Catalog No. E-AB-30087

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

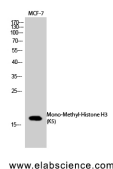
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthesized peptide derived from human Histone H3 around the mono-methylation site of K5.
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

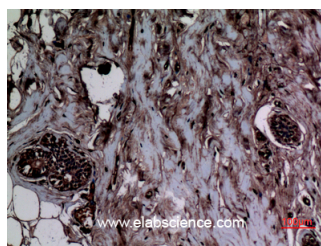
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-300
ELISA	1:20000

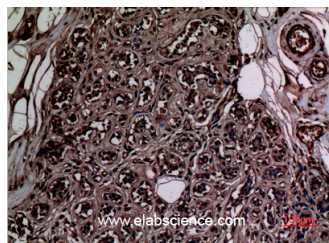
Data



Western Blot analysis of MCF7 cells with Histone H3 (Mono-Methyl-Lys5) Polyclonal Antibody.
Observed Mw:17kDa
Calculated Mw:15kDa



Immunohistochemistry of paraffin-embedded Human breast tissue using Histone H3 (Mono-Methyl-Lys5) Polyclonal Antibody at dilution of 1:100.



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For Research Use Only

Preparation & Storage

Storage Store at -20°C. 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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