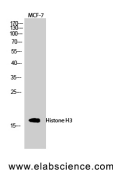


Histone H3 Polyclonal Antibody

Catalog No.	E-AB-31686	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC-p,IF,ELISA	Isotype	IgG

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

Images



Western Blot analysis of MCF7 cells using Histone H3 Polyclonal Antibody at dilution of 1:2000.

Immunogen Information

Immunogen	Synthesized peptide derived from human Histone H3 around the non-phosphorylation site of Ser10.
Swissprot	P68431,Q71DI3,P84243
Synonyms	HIST1H3A,H3FA,HIST1H3B,H3FL,HIST1H3C,H3FC,HIST1H3D,H3FB,HIST1H3E,H3FD,HIST1H3F,H3FI,HIST1H3G,H3FH,HIST1H3H,H3FK,HIST1H3I,H3FF,HIST1H3J,H3FJ,Histone H3.1,Histone H3/a,Histone H3/b,Histone H3/c,Histone H3/d,Histone H3

Product Information

Calculated MW	15kDa
Observed MW	20kDa
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:20000

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.