

Product Name: Histone H3 (Mono Methyl Lys10) Rabbit Polyclonal Antibody**Catalog #: APRab06134**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Methylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	17kDa

Antigen Information

Gene Name	HIST1H3A H3K10ME1; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF;
Alternative Names	HIST1H3J; H3FJ; Histone H3.1;Histone H3.1; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3; H3F3C; Histone H3.3C; Histone H3.5
Gene ID	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968/126961/333932/653604/3020/30 21/440093
SwissProt ID	P68431/Q71DI3/P84243/Q6NXT2

Immunogen

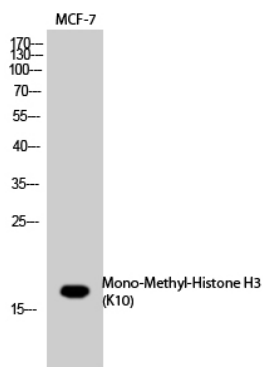
Synthesized peptide derived from human Histone H3 around the mono-methylation site of K10.

Background

H3 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.

Research Area

Systemic lupus erythematosus;

Image Data

Western Blot analysis of MCF7 cells using Mono-Methyl-Histone H3 (K10) Polyclonal Antibody.. Secondary antibody was diluted at 1:20000