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**Product Name: Histone H3 (Mono Methyl Lys80) Rabbit Polyclonal Antibody****Catalog #: APRab06137**

For research use only.

**Summary**

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

**Application**

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

**Antigen Information**

<b>Gene Name</b>	HIST1H3A H3K80ME1; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF;
<b>Alternative Names</b>	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
<b>Gene ID</b>	8350/8351/8352/8353/8354/8355/8356/8357/8358/8968/126961/333932/653604/3020/30 21/440093
<b>SwissProt ID</b>	P68431/Q71DI3/P84243/Q6NXT2

## Immunogen

Synthesized peptide derived from human Histone H3 around the mono-methylation site of K80.

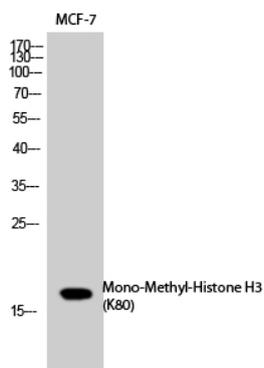
## Background

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 MCF-7 cells using Mono-Methyl-Histone H3 (K80) Polyclonal Antibody.. Secondary antibody was diluted at 1:20000