

**Product Name: Phospho-Histone H4 (Ser1) Rabbit Polyclonal Antibody****Catalog #: APRab00852**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<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% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 11 kDa; Observed MW: 17 kDa

**Antigen Information**

<b>Gene Name</b>	H4C1
<b>Alternative Names</b>	Histone H4
<b>Gene ID</b>	121504
<b>SwissProt ID</b>	P62805
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

**Background**

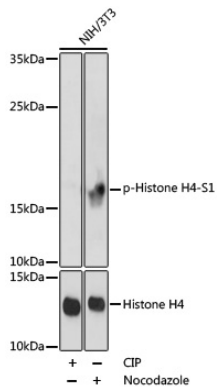
The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4

family.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Phospho-Histone H4 (Ser1) in NIH/3T3 lysates using Phospho-STK4T387 antibody. NIH/3T3 were treated by CIP at 37°C for 1 hour or Nocodazole at 37°C for 20 hours.