

**Product Name: Phospho-Histone H3 (Thr3) Rabbit Polyclonal Antibody****Catalog #: APRab00674**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Human
<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>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa

**Antigen Information**

<b>Gene Name</b>	H3-3A
<b>Alternative Names</b>	H3F3; H3.3A
<b>Gene ID</b>	3020
<b>SwissProt ID</b>	P84243
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

**Background**

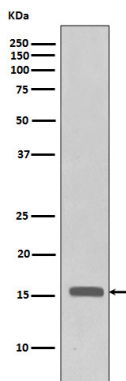
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA

repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

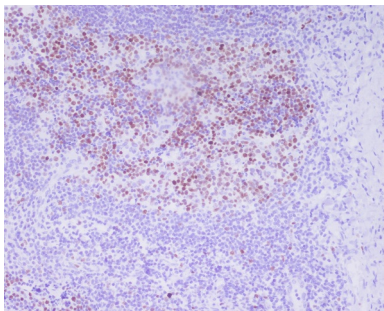
## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of Phospho-Histone H3 (Thr3) in HeLa lysates treated with FBS + Calyculin A using Phospho-Histone H3 (Thr3) antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Phospho-Histone H3 (T3) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.