



# Acetyl-Histone H3 (Lys18) Rabbit pAb

<b>Catalog No</b>	BYab-17756
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB,IHC-P,ICC/IF,IP,ChIP
<b>Gene Name</b>	H3C1
<b>Alternative Names</b>	H3K18ac; H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
<b>Research Field</b>	Epigenetics and Nuclear Signalin
<b>Product Categories</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Molecular Weight</b>	Calculated MW: 15 kDa; Observed MW: 15 kDa
<b>Clonality</b>	Polyclonal Antibody
<b>Clonality No.</b>	-
<b>Dilution</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/50-1/200 ChIP: 1:20 - 1:100
<b>Immunogen</b>	A synthetic acetylated peptide corresponding to residues surrounding K18 of human H3
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Acetylated
<b>Form</b>	Liquid
<b>Buffer System</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Background</b>	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.

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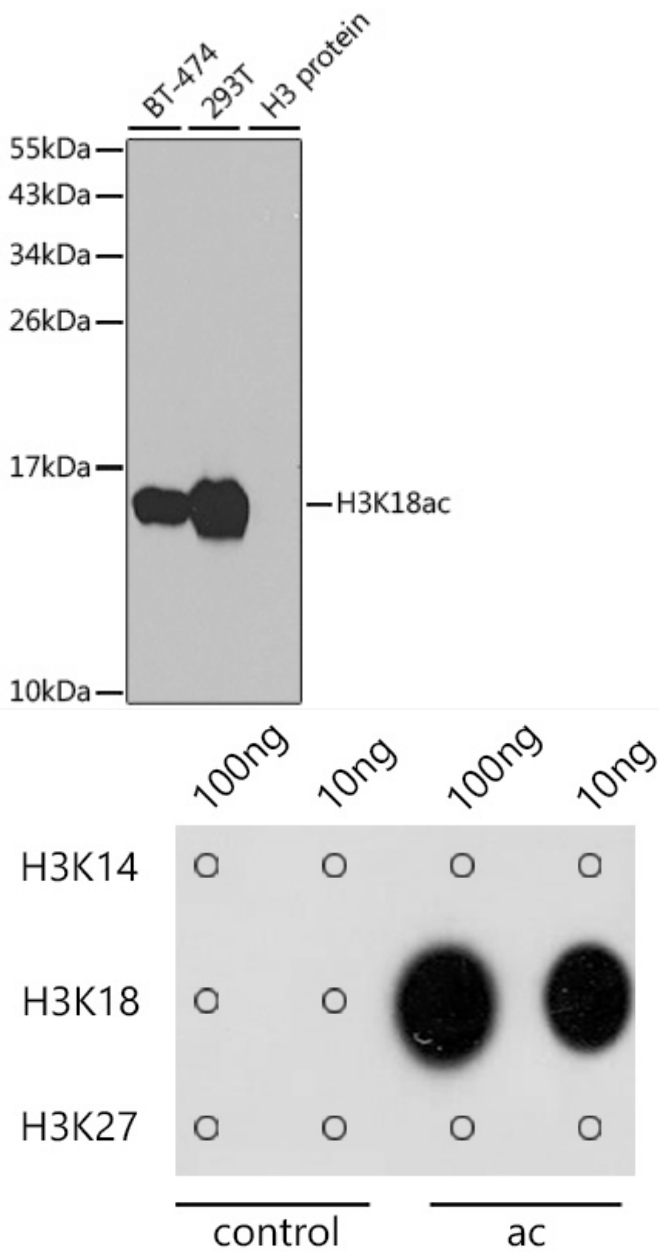
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



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