



# Acetyl Histone H2B (K12) rabbit pAb

Cat No.:ES6639

For research use only

## Overview

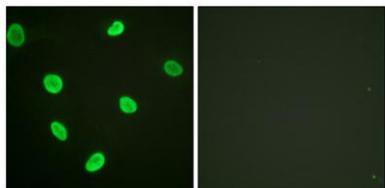
<b>Product Name</b>	Acetyl Histone H2B (K12) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Monkey
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Histone H2B around the acetylated site of Lys12. AA range:10-59
<b>Specificity</b>	Acetyl-Histone H2B (K12) Polyclonal Antibody detects endogenous levels of Histone H2B protein only when acetylated at K12.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Histone H2B type F-S
<b>Gene Name</b>	H2BFS
<b>Cellular localization</b>	Nucleus. Chromosome.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	14kD
<b>Human Gene ID</b>	54145
<b>Human Swiss-Prot Number</b>	P57053
<b>Alternative Names</b>	H2BFS; Histone H2B type F-S; Histone H2B.s; H2B/s
<b>Background</b>	H2BFS (H2B Histone Family Member S (Pseudogene)) is a Pseudogene. Diseases associated with H2BFS include endometrial stromal sarcoma. Among its related pathways are Packaging Of



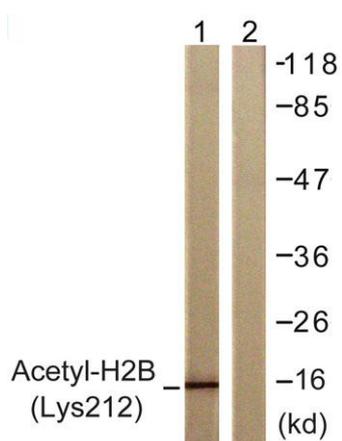
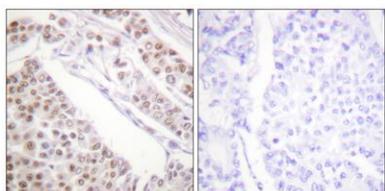


Telomere Ends. GO annotations related to this gene include sequence-specific DNA binding and protein heterodimerization activity. An important paralog of this gene is HIST1H2BH.

Immunofluorescence analysis of HeLa cells, using Histone H2B (Acetyl-Lys12) Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Histone H2B (Acetyl-Lys12) Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, treated with TSA 400nM 24h, using Histone H2B (Acetyl-Lys12) Antibody. The lane on the right is blocked with the synthesized peptide.

