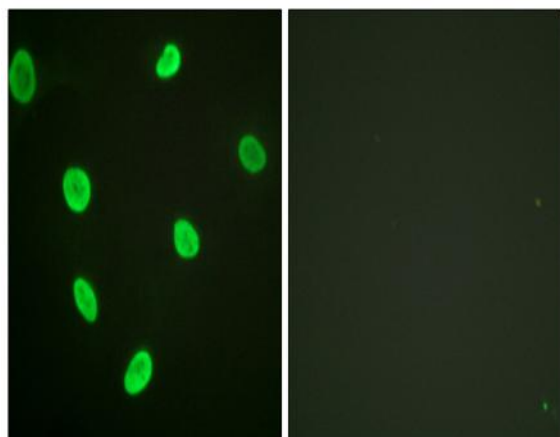


## Acetyl Histone H2B (K12) Polyclonal Antibody

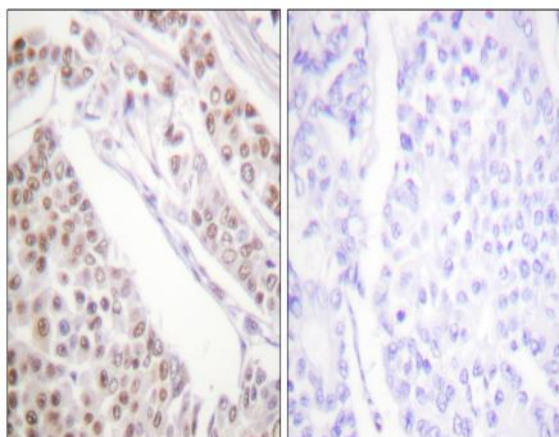
|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YK0004  |
| <b>Reactivity :</b>          | Human;Mouse;Monkey  |
| <b>Applications :</b>        | WB;IHC;IF;ELISA   |
| <b>Target :</b>              | Histone H2B   |
| <b>Fields :</b>              | >>Neutrophil extracellular trap formation;>>Alcoholism;>>Viral carcinogenesis;>>Systemic lupus erythematosus                              |
| <b>Gene Name :</b>           | H2BFS   |
| <b>Protein Name :</b>        | Histone H2B type F-S  |
| <b>Human Gene Id :</b>       | 54145   |
| <b>Human Swiss Prot No :</b> | P57053  |
| <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>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.                            |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                     |
| <b>Concentration :</b>       | 1 mg/ml   |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)  |

|                               |  |
|-------------------------------|--|
| <b>Observed Band :</b>        | 14kD   |
| <b>Cell Pathway :</b>         | Protein_Acetylation  |
| <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.  |
| <b>Function :</b>             | DNA packaging, chromatin organization, chromatin assembly or disassembly, nucleosome assembly, defense response, response to bacterium, chromatin assembly, cellular macromolecular complex subunit organization, cellular macromolecular complex assembly, nucleosome organization, defense response to bacterium, macromolecular complex subunit organization, chromosome organization, macromolecular complex assembly, protein-DNA complex assembly, |
| <b>Subcellular Location :</b> | Nucleus. Chromosome.   |
| <b>Tag :</b>                  | orthogonal   |
| <b>Sort :</b>                 | 1634   |
| <b>Host :</b>                 | Rabbit   |
| <b>Modifications :</b>        | Acetyl   |

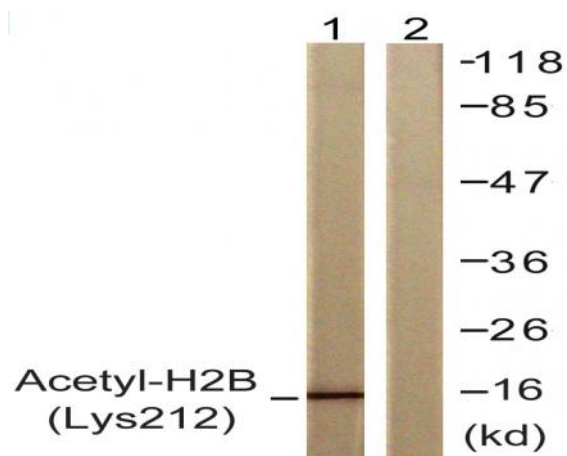
## Products Images



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.