

## Anti-Acetyl-H2BS1-Lys5 antibody (1-80) (STJ90118)

STJ90118

### GENERAL INFORMATION

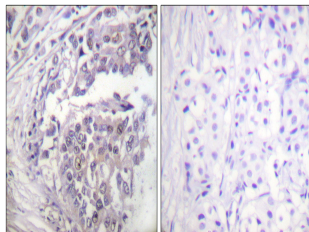
|                          |                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                                                                                          |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-Acetyl-Histone H2b Type F-S-Lys5 (1-80) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications. |
| <b>Applications</b>      | WB, IHC-P, IF, ICC, ELISA                                                                                                                                                                                   |
| <b>Host/Source</b>       | Rabbit                                                                                                                                                                                                      |
| <b>Reactivity</b>        | Human, Mouse                                                                                                                                                                                                |

### PRODUCT PROPERTIES

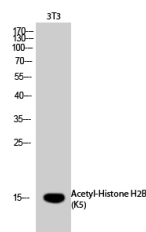
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|----------------------------|------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                     |
| <b>Clone ID</b>            |                                                                                                |
| <b>Concentration</b>       | 1 mg/mL                                                                                        |
| <b>Conjugation</b>         | Unconjugated                                                                                   |
| <b>Purification</b>        | The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.          |
| <b>Dilution Range</b>      | WB 1:500-1:2000<br>IHC 1:100-1:300<br>IF 1:200-1:1000<br>ELISA 1:10000                         |
| <b>Formulation</b>         | PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                                            |
| <b>Isotype</b>             | IgG                                                                                            |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

### TARGET INFORMATION

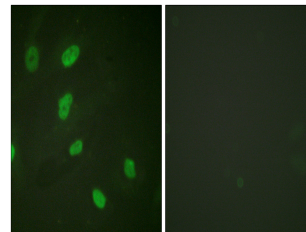
|                           |                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 102724334                                                                                                                                         |
| <b>Gene Symbol</b>        | H2BS1                                                                                                                                             |
| <b>Uniprot ID</b>         | H2BFS_HUMAN                                                                                                                                       |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human Histone H2B around the acetylated site of Lys5 at amino acid range 1-50 |
| <b>Immunogen Region</b>   | 1-80                                                                                                                                              |
| <b>Specificity</b>        | Acetyl-H2BS1-Lys5 polyclonal antibody (Histone H2b Type F-S) binds to endogenous Histone H2b Type F-S at the amino acid region 1-80.              |
| <b>Immunogen Sequence</b> |                                                                                                                                                   |



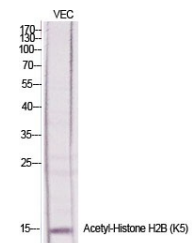
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Histone H2B (Acetyl-Lys5) Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of 3T3 cells using Acetyl-Histone H2B (K5) Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000



Immunofluorescence analysis of HeLa cells, using Histone H2B (Acetyl-Lys5) Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of various cells using Acetyl-Histone H2B (K5) Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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