

## Anti-Acetyl-Histone H3-Lys123 antibody (STJ97226)

STJ97226

### GENERAL INFORMATION

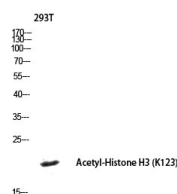
|                          |                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                                                                  |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-Acetyl-Histone H3.1 and Histone H3.2 and Histone H3.3 and Histone H3.3C-Lys123 is suitable for use in Western Blot and ELISA research applications. |
| <b>Applications</b>      | WB/ELISA                                                                                                                                                                            |
| <b>Host/Source</b>       | Rabbit                                                                                                                                                                              |
| <b>Reactivity</b>        | Human/Mouse/Rat                                                                                                                                                                     |

### PRODUCT PROPERTIES

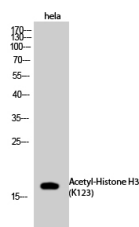
|                       |                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</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 antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Dilution Range</b> | WB 1:500-1:2000<br>ELISA 1:10000                                                                                      |
| <b>Formulation</b>    | Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                                               |
| <b>Isotype</b>        | IgG                                                                                                                   |
| <b>Storage</b>        | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                        |
| <b>Instruction</b>    |                                                                                                                       |

### TARGET INFORMATION

|                           |                                                                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | <a href="#">440093</a><br><a href="#">126961/333932/653604</a>                                                                                        |
| <b>Gene Symbol</b>        | <a href="#">H3-5</a><br><a href="#">H3C15.H3C14.H3C13</a><br><a href="#">H3C_HUMAN</a><br><a href="#">H32_HUMAN</a><br><a href="#">H33_HUMAN</a><br>< |
| <b>Immunogen</b>          | Synthesized acetyl-peptide derived from the C-terminal region of human Histone H3 around the acetylation site of K123.                                |
| <b>Immunogen Region</b>   |                                                                                                                                                       |
| <b>Specificity</b>        | Acetyl-Histone H3 (K123) Polyclonal Antibody detects endogenous levels of Histone H3 protein only when acetylation at K123.                           |
| <b>Immunogen Sequence</b> |                                                                                                                                                       |



Western blot analysis of 293T lysis using histone3 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western blot analysis of HeLa cells using Acetyl-Histone H3 (K123) Polyclonal Antibody. Antibody was 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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