

## Histone H3.3 Antibody

**CAB13824**

### Description

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This Histone H3.3 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|----------------------|--|
| <b>SKU:</b>          | CAB13824   |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml)  |
| <b>Category:</b>     | Polyclonal Antibody                              |
| <b>Synonyms:</b>     | H3F3, H3-3B, H3.3A, H3F3A, BRYLIB1, Histone H3.3 |
| <b>Clone:</b>        | -  |
| <b>Applications:</b> | WB   ELISA                                       |
| <b>Conjugation:</b>  | Unconjugated                                     |
| <b>Reactivity:</b>   | Human, Mouse, Rat, Other (Wide Range Predicted)  |

### Antibody Data

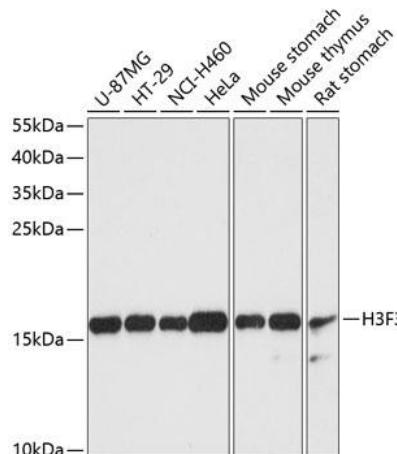
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|                       |                       |
|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 8290 8350             |
| <b>Uniprot:</b>       | AB_2760678            |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 16kDa                 |
| <b>Calculated MW:</b> | 15kDa                 |

## Preparation & Storage

|   |  |           |                |              |   |
|---|--|-----------|----------------|--------------|---|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.   |           |                |              |   |
|   | Store Bradford Reagent at Room Temperature for 1 Year.   |           |                |              |   |
| <b>Positive Sample:</b>                   | U-87MG, HT-29, NCI-H460, HeLa, Mouse stomach, Mouse thymus, Rat stomach  |           |                |              |   |
| <b>Recommended Dilutions:</b>             | <table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>    | <b>WB</b> | 1:500 - 1:2000 | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>WB</b>                                 | 1:500 - 1:2000   |           |                |              |   |
| <b>ELISA</b>                              | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.  |           |                |              |   |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol |           |                |              |   |

## Validation Data



Western blot analysis of various lysates using Histone.3 Rabbit pAb (CAB13824) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.