

Immunotag™ Histone H3R26me2a Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                           |
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| Catalog No.            | ITA7030                                                                                                                                                                                                                                                                                                                                                   |
| Product Description    | Immunotag™ Histone H3R26me2a Antibody                                                                                                                                                                                                                                                                                                                     |
| Size                   | 100 µg, 200 µg                                                                                                                                                                                                                                                                                                                                            |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                                                                                                                                                                                                             |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.                                                                                                                                                                                        |
| Target Protein         | Histone H3R26me2a                                                                                                                                                                                                                                                                                                                                         |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                                                                                                |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                                                                                              |
| Application            | WB,IF/ICC,IP,ELISA,CHIP                                                                                                                                                                                                                                                                                                                                   |
| Recommended Dilution   | WB 1:500-1:2000 IF 1:50-1:200 IP 1:50-1:200 CHIP 1:50-1:200                                                                                                                                                                                                                                                                                               |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                   |
| Reactive Species       | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                           |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen              | A synthetic methylated peptide corresponding to residues surrounding Arg26 of human histone H3                                                                                                                                                                                                                                                            |
| Specificity            | Histone H3R26me2a Antibody detects endogenous levels of total Histone H3R26me2a                                                                                                                                                                                                                                                                           |
| Purification           | The antiserum was purified by peptide affinity chromatography.                                                                                                                                                                                                                                                                                            |
| Form                   | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt                                                                                                                                                                                               |
| Gene Name              | HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J                                                                                                                                                                                                                                                        |
| Accession No.          | P68431                                                                                                                                                                                                                                                                                                                                                    |
| Alternate Names        | H3 histone family, member A; H3/A; H31_HUMAN; H3FA; Hist1h3a; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J; histone 1, H3a; Histone cluster 1, H3a; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; |

## Antibody Specification

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| Description               | Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein MW                | 15kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                   |