

# Immunotag™ RBBP7 Antibody

| Antibody Specification |  |
|------------------------|--|
| Catalog No.            | ITA7929  |
| Product Description    | Immunotag™ RBBP7 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         | RBBP7  |
| Clonality              | Polyclonal   |
| Storage/Stability      | -20°C/1 year   |
| Application            | WB,IHC,ELISA   |
| Recommended Dilution   | WB 1:1000-3000 IHC 1:200   |
| Concentration          | 1 mg/ml  |
| Reactive Species       | Human,Mouse,Rat  |
| Host Species           | Rabbit   |
| Immunogen              | A synthesized peptide derived from human RBBP7   |
| Specificity            | RBBP7 Antibody detects endogenous levels of total RBBP7  |
| 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              | RBBP7  |
| Accession No.          | Q16576   |
| Alternate Names        | G1/S transition control protein binding protein RbAp46; Histone acetyltransferase type B subunit 2; Histone binding protein RBBP7; Histone-binding protein RBBP7; MGC138867; MGC138868; Nucleosome remodeling factor subunit RBAP46; Nucleosome-remodeling factor subunit RBAP46; RBAP46; RBBP 7; RBBP-7; RBBP7; RBBP7_HUMAN; Retinoblastoma binding protein 7; Retinoblastoma binding protein p46; Retinoblastoma-binding protein 7; Retinoblastoma-binding protein p46; Retinoblastoma-binding protein RbAp46; |

## Antibody Specification

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| Description               | Core histone-binding subunit that may target chromatin remodeling factors, histone acetyltransferases and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the type B histone acetyltransferase (HAT) complex, which is required for chromatin assembly following DNA replication; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling; and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody   |
| Protein MW                | 50 kDa  |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.  |