

Immunotag™ RPAB3 Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Catalog No.            | ITN0668                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Description    | Immunotag™ RPAB3 Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Size                   | 50 µg, 100 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         | RPAB3                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application            | WB,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Recommended Dilution   | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactive Species       | Human,Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen              | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity            | RPAB3 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purification           | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen                                                                                                                                                                                                                                                                                                                                                   |
| Form                   | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name              | POLR2H                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Accession No.          | P52434 Q923G2                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Description            | RNA polymerase II subunit H(POLR2H) Homo sapiens The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013], |

## Antibody Specification

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| Cell Pathway/<br>Category   | Purine metabolism,Pyrimidine metabolism,RNA polymerase,Huntington's disease,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Expression          | B-cell lymphoma,Cervix carcinoma,Placenta,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Subcellular<br>Localization | nucleus,nucleoplasm,DNA-directed RNA polymerase II, core complex,DNA-directed RNA polymerase III complex,DNA-directed RNA polymerase I complex,cytosol,                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Protein Function            | function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively.,similarity:Belongs to the eukaryotic RPB8 RNA polymerase subunit family.,subunit:Component of the RNA polymerase I (Pol I), RNA polymerase II (Pol II) and RNA polymerase III (Pol III) complexes consisting of at least 13, 12 and 17 subunits, respectively., |
| Usage                       | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |