

# Immunotag™ RPA43 Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITN0657                                                                                                                                                            |
| Product Description    | Immunotag™ RPA43 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         | RPA43                                                                                                                                                              |
| 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                                                                                                                                                              |
| Host Species           | Rabbit                                                                                                                                                             |
| Immunogen              | Synthesized peptide derived from part region of human protein                                                                                                      |
| Specificity            | RPA43 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              | TWISTNB                                                                                                                                                            |
| Accession No.          | Q3B726 Q78WZ7                                                                                                                                                      |

## Antibody Specification

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| Description              | function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Through its association with RRN3/TIF-IA may be involved in recruitment of Pol I to rDNA promoters.,similarity:Belongs to the eukaryotic RPA43 RNA polymerase subunit family.,subunit:Component of the RNA polymerase I (Pol I) complex consisting of at least 13 subunits (By similarity). Interacts with RRN3/TIF-IA.,tissue specificity:Widely expressed. Expressed in all fetal and adult tissues tested, with highest expression in fetal lung, liver, and kidney, and low expression in all adult tissues., |
| Protein Expression       | Urinary bladder,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Subcellular Localization | nucleus,nucleoplasm,nucleolus,DNA-directed RNA polymerase I complex,microtubule cytoskeleton,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Function         | function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Through its association with RRN3/TIF-IA may be involved in recruitment of Pol I to rDNA promoters.,similarity:Belongs to the eukaryotic RPA43 RNA polymerase subunit family.,subunit:Component of the RNA polymerase I (Pol I) complex consisting of at least 13 subunits (By similarity). Interacts with RRN3/TIF-IA.,tissue specificity:Widely expressed. Expressed in all fetal and adult tissues tested, with highest expression in fetal lung, liver, and kidney, and low expression in all adult tissues., |
| Usage                    | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |