

# Immunotag™ DCP1A Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Catalog No.            | ITA4329                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description    | Immunotag™ DCP1A 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         | DCP1A                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality              | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage/Stability      | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application            | WB,IF/ICC,ELISA                                                                                                                                                                                                                                                                                                                                                                                              |
| Recommended Dilution   | WB 1:500~1:1000, IF/ICC 1:100-1:500                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration          | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactive Species       | Human,Mouse                                                                                                                                                                                                                                                                                                                                                                                                  |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen              | A synthesized peptide                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity            | DCP1A Antibody detects endogenous levels of total DCP1A                                                                                                                                                                                                                                                                                                                                                      |
| 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              | DCP1A                                                                                                                                                                                                                                                                                                                                                                                                        |
| Accession No.          | Q9NPI6                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alternate Names        | DCP1 decapping enzyme homolog A; Dcp1a; DCP1A_HUMAN; Decapping enzyme hDcp1a; Decapping mRNA 1A; HSA275986; mRNA decapping enzyme 1A; mRNA-decapping enzyme 1A; Nbla00360; Putative protein product of Nbla00360; Smad4 interacting transcriptional co activator; Smad4-interacting transcriptional co-activator; Smad4-interacting transcriptional co-activator; SMAD4IP1; SMIF; Transcription factor SMIF; |

## Antibody Specification

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| Description               | Necessary for the degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA molecules, yielding a 5'-phosphorylated mRNA fragment and 7m-GDP. Contributes to the transactivation of target genes after stimulation by TGFβ1. |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                     |
| Protein MW                | 75 KD                                                                                                                                                                                                                                                                                                           |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                            |