

# Immunotag™ USP31 Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA9727                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Description    | Immunotag™ USP31 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         | USP31                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 USP31                                                                                                                                                                                                                                                                                                                                                        |
| Specificity            | USP31 Antibody detects endogenous levels of total USP31                                                                                                                                                                                                                                                                                                                                               |
| 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              | USP31                                                                                                                                                                                                                                                                                                                                                                                                 |
| Accession No.          | Q70CQ4                                                                                                                                                                                                                                                                                                                                                                                                |
| Alternate Names        | Deubiquitinating enzyme 31; KIAA1203; Ubiquitin carboxyl terminal hydrolase 31; Ubiquitin carboxyl-terminal hydrolase 31; Ubiquitin specific peptidase 31; Ubiquitin specific processing protease 31; Ubiquitin specific protease 31; Ubiquitin specific proteinase 31; Ubiquitin thioesterase 31; Ubiquitin thiolesterase 31; Ubiquitin-specific-processing protease 31; UBP31_HUMAN; USP 31; USP31; |

## Antibody Specification

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|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description               | May recognize and hydrolyze the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins (By similarity). |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                         |
| Protein MW                | 147 kDa                                                                                                                                                                                             |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                |