

# Immunotag™ UB2D4 Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITN1488                                                                                                                                                                                                                                                                                               |
| Product Description    | Immunotag™ UB2D4 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         | UB2D4                                                                                                                                                                                                                                                                                                 |
| 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            | UB2D4 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              | UBE2D4 UBCH5D                                                                                                                                                                                                                                                                                         |
| Accession No.          | Q9Y2X8                                                                                                                                                                                                                                                                                                |
| Description            | catalytic activity:ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiquityllysine.,function:Catalyzes the covalent attachment of ubiquitin to other proteins.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the ubiquitin-conjugating enzyme family., |
| Cell Pathway/ Category | Ubiquitin mediated proteolysis,                                                                                                                                                                                                                                                                       |

## Antibody Specification

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Expression | Brain,Ovary,                                                                                                                                                                                                                                                                                          |
| Protein Function   | catalytic activity:ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiquityllysine.,function:Catalyzes the covalent attachment of ubiquitin to other proteins.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the ubiquitin-conjugating enzyme family., |
| Usage              | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                  |