

# Immunotag™ TMED1 Polyclonal Antibody

| Antibody Specification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Catalog No.            | ITN1932                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Description    | Immunotag™ TMED1 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         | TMED1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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,Rat,Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Host Species           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen              | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Specificity            | TMED1 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              | TMED1 IL1RL1L IL1RL1LG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Accession No.          | Q13445 Q3V009 Q5BK85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Description            | transmembrane p24 trafficking protein 1(TMED1) Homo sapiens This gene belongs to the TMED (transmembrane emp24 domain-containing) protein family, which is involved in the vesicular trafficking of proteins. The protein encoded by this gene was identified by its interaction with interleukin 1 receptor-like 1 (IL1RL1) and may play a role in innate immunity. This protein lacks any similarity to other interleukin 1 ligands. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013], |
| Protein Expression     | Glioblastoma,Melanoma,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Antibody Specification

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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Subcellular Localization | endoplasmic reticulum,endoplasmic reticulum membrane,endoplasmic reticulum-Golgi intermediate compartment,Golgi apparatus,plasma membrane,integral component of membrane,endoplasmic reticulum-Golgi intermediate compartment membrane, |
| Protein Function         | function:Potential role in protein trafficking.,similarity:Belongs to the EMP24/GP25L family.,similarity:Contains 1 GOLD domain.,subunit:May interact with IL1RL1.,tissue specificity:Widely expressed.,                                |
| Usage                    | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                    |