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Datasheet for ABIN1390227

**anti-TMED10 antibody (AA 101-200) (Alexa Fluor 350)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | TMED10   |
| Binding Specificity: | AA 101-200   |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This TMED10 antibody is conjugated to Alexa Fluor 350  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human TMP21 |
| Isotype:              | IgG   |
| Specificity:          | KO-Validated  |
| Cross-Reactivity:     | Human, Mouse  |
| Predicted Reactivity: | Rat,Dog,Cow,Chicken,Rabbit                                |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|         |        |
|---------|--------|
| Target: | TMED10 |
|---------|--------|

## Target Details

Alternative Name: TMP21 ([TMED10 Products](#))

Background: Synonyms: p23, p24 family protein delta 1, p24delta, p24delta1, S31I125, S31III125, TMED 10, TMED10, Tmp 21 I, Tmp 21, Tmp 21 I, Transmembrane emp24 domain containing protein 10, Transmembrane emp24-like trafficking protein 10 yeast, Transmembrane protein Tmp21, Transmembrane trafficking protein 21kD, 1110014C03Rik, 21 kDa transmembrane trafficking protein, MGC102351, TMEDA\_HUMAN.

Background: MP21 is a member of the EMP24/GP25L/p24 cargo family of proteins that regulates vesicular trafficking in the early secretory pathway. TMP21 is a ubiquitously expressed single-pass type I membrane protein localizing to the Golgi cisternae and the plasma membrane. It contains one GOLD (Golgi dynamics) domain and participates in protein transport and quality control between the endoplasmic reticulum (ER) and the Golgi complex. In addition, TMP21 is a component of the heteromeric secretase complex (or Presenilin complex) and functions to regulate the  $\gamma$ secretase activity. Two isoforms, namely TMP21-I and TMP21-II, exist for this protein.

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months