

# [KO Validated] TMED10 Rabbit pAb

Catalog No.: A18090 **KO** **Validated** **1 Publications**

## Basic Information

**Observed MW**

21kDa

**Calculated MW**

25kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

## Background

This gene is a member of the EMP24/GP25L/p24 family and encodes a protein with a GOLD domain. This type I membrane protein is localized to the plasma membrane and golgi cisternae and is involved in vesicular protein trafficking. The protein is also a member of a heteromeric secretase complex and regulates the complex's gamma-secretase activity without affecting its epsilon-secretase activity. Mutations in this gene have been associated with early-onset familial Alzheimer's disease. This gene has a pseudogene on chromosome 8.

## Recommended Dilutions

**WB** 1:500 - 1:2000**IF/ICC** 1:50 - 1:200

## Immunogen Information

**Gene ID**

10972

**Swiss Prot**

P49755

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 35-190 of human TMED10 (NP\_006818.3).

**Synonyms**

p23; TMP21; p24d1; S31I125; Tmp-21-I; S31III125; P24(DELTA); 10

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

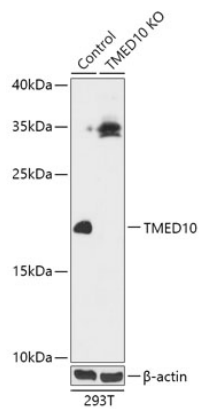
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of lysates from wild type (WT) and TMED10 knockout (KO) 293T cells, using [KO Validated] TMED10 Rabbit pAb (A18090) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.