

PACO17269

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, WB:1:500-1:2000,  
IHC:1:25-1:100

**Protein Background:**

Involved in vesicular protein trafficking. Mainly functions in the early secretory pathway but also in post-Golgi membranes. Thought to act as cargo receptor at the luminal side for incorporation of secretory cargo molecules into transport vesicles and to be involved in vesicle coat formation at the cytoplasmic side. In COPII vesicle-mediated anterograde transport involved in the transport of GPI-anchored proteins and proposed to act together with TMED10 as their cargo receptor; the function specifically implies SEC24C and SEC24D of the COPII vesicle coat and lipid raft-like microdomains of the ER. Recognizes GPI anchors structural remodeled in the ER by PGAP1 and MPPE1. In COPI vesicle-mediated retrograde transport inhibits the GTPase-activating activity of ARFGAP1 towards ARF1 thus preventing immature uncoating and allowing cargo selection to take place. Involved in trafficking of G protein-coupled receptors (GPCRs).

**Gene ID:**

TMED2

**Uniprot**

Q15363

**Synonyms:**

transmembrane emp24 domain trafficking protein 2

**Immunogen:**

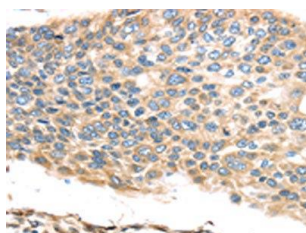
Fusion protein of human TMED2.

**Storage:**

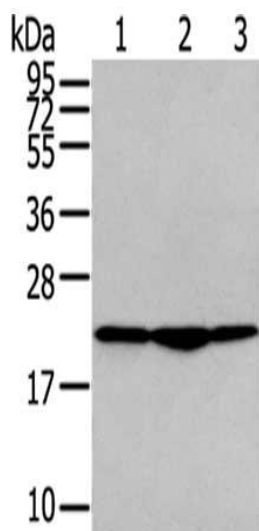
-20&deg; C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

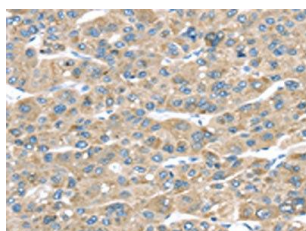
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The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO17269(TMED2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 12%SDS-PAGE, Lysate: 40 &mu; g, Lane 1-3: PC3 cells, A549 cells, Raji cells, Primary antibody: PACO17269(TMED2 Antibody) at dilution 1/400 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO17269(TMED2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).