

## Product datasheet for **TA344225**

### **TMP21 (TMED10) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-TMED10 antibody: synthetic peptide directed towards the middle region of human TMED10. Synthetic peptide located within the following region: KLLKPLEVELRRLEDLSEIVNDFAYMKKREEEMRDTNESTNTRVLYFSIF
<b>Formulation:</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
<b>Purification:</b>	Affinity Purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	24 kDa
<b>Gene Name:</b>	transmembrane p24 trafficking protein 10
<b>Database Link:</b>	<a href="#">NP_006818</a> <a href="#">Entrez Gene 10972 Human P49755</a>



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<b>Background:</b>	TMED10 is involved in vesicular protein trafficking. 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.
<b>Synonyms:</b>	p23; P24(DELTA); p24d1; S31I125; S31III125; Tmp-21-I; TMP21
<b>Note:</b>	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Yeast: 82%
<b>Protein Families:</b>	Transmembrane

**Product images:**

WB Suggested Anti-TMED10 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive  
Control: Human Small Intestine