

Product datasheet for TA344225

TMP21 (TMED10) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-TMED10 antibody: synthetic peptide directed towards the middle

region of human TMED10. Synthetic peptide located within the following region:

KLKPLEVELRRLEDLSESIVNDFAYMKKREEEMRDTNESTNTRVLYFSIF

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 24 kDa

Gene Name: transmembrane p24 trafficking protein 10

Database Link: NP 006818

Entrez Gene 10972 Human

P49755



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Background: 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.

Synonyms: p23; P24(DELTA); p24d1; S31II125; S31III125; Tmp-21-I; TMP21

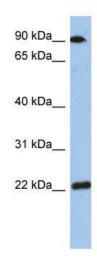
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Yeast:

82%

Protein Families: Transmembrane

Product images:



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

Control: Human Small Intestine