



## TMP21 Antibody

CATALOG NUMBER: 46-502

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:1,000. Western Blot: Approximately 75 kDa band in human and rat pancreas lysates after 1 ug/mL antibody staining. The 75 kDa band was successfully blocked by incubation with the immunizing peptide.
<b>IMMUNOGEN:</b>	TMP21 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of TMP21.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	TMP21 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	TMP21 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	TMED10, transmembrane emp24-like trafficking protein 10 (yeast), P24(DELTA), S31I125, S31III125, TMP21, Tmp-21-l, 21 kDa transmembrane trafficking protein, transmembrane emp24 domain-containing protein 10
<b>ACCESSION NO.:</b>	NP_006818.3
<b>PROTEIN GI NO.:</b>	98986464
<b>OFFICIAL SYMBOL:</b>	TMED10
<b>GENE ID:</b>	10972

### Background

<b>REFERENCES:</b>	1) Chen F, Hasegawa H, Schmitt-Ulms G, Kowarai T, Bohm C, Katayama T, Gu Y, Sanjo N, Glista M, Rogaeva E, Wakutani Y, Pardossi-Piquard R, Ruan X, Tandon A, Checler F, Marambaud P, Hansen K, Westaway D, St George-Hyslop P, Fraser P. TMP21 is a presenilin complex component that modulates gamma-secretase but not epsilon-secretase activity. Nature. 2006 Apr 27;440(7088):1208-12.
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