

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07636 - Goat Anti-TMP21 / TMED10 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TMED10, transmembrane emp24-like trafficking protein 10 (yeast), P24(DELTA), S31I125, S31III125, TMP21, Tmp-21-I, 21 kDa transmembrane trafficking protein, transmembrane emp24 domain-containing protein 10

**Official Symbol:** TMED10

**Accession Number(s):** NP\_006818.3

**Human GeneID(s):** [10972](#)

**Non-Human GeneID(s):** 68581 (mouse), 84599 (rat)

### Immunogen

Peptide with sequence C-YLRRFFKAKKLIE, from the C Terminus of the protein sequence according to NP\_006818.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:1000.

**Western blot:** Preliminary experiments gave an approx 75kDa band in Human and Rat Pancreas lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 25.0kDa according to NP\_006818.3. The 75kDa band was successfully blocked by incubation with the immunizing peptide.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat, Dog