

## **UK Office**

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# EB08033 - Goat Anti-Transmembrane protein 37 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: TMEM37, transmembrane protein 37, CACNG5, PR, PR1,

voltage-dependent calcium channel gamma subunit-like protein

Official Symbol: TMEM37

Accession Number(s): NP\_899063.2

Human GeneID(s): 140738

#### **Immunogen**

Peptide with sequence TNQTICFRDLGQ, from the internal region of the protein sequence according to NP\_899063.2.

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 1:32000.

Western blot: Preliminary experiments gave an approx 26-28kDa band in Human Brain (Cerebellum, Frontal Cortex and Hippocampus) lysates after 0.1μg/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 20.9kDa according to NP\_899063.2. The 26-28kDa band was successfully blocked by incubation with the immunizing peptide.

## **Species Reactivity**

Tested:

Expected from sequence similarity: Human