



## UK Office

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diagnostic or therapeutic use.**

## 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