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an Absolute Biotech Company

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Research Use Only. Not for 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