



## Transmembrane Protein 37 Antibody

CATALOG NUMBER: 46-511

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:32,000. Western Blot: Approximately 26-28 kDa band in human brain (cerebellum, frontal cortex and hippocampus) lysates after 0.1 ug/mL antibody staining. 9 kDa according to NP_899063.2. The 26-28 kDa band was successfully blocked by incubation with the immunizing peptide.
<b>IMMUNOGEN:</b>	Transmembrane Protein 37 antibody was raised against a 12 amino acid synthetic peptide near the internal region of Transmembrane Protein 37.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	Transmembrane Protein 37 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>	Transmembrane Protein 37 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>	TMEM37, transmembrane protein 37, CACNG5, PR, PR1, voltage-dependent calcium channel gamma subunit-like protein
<b>ACCESSION NO.:</b>	NP_899063.2
<b>PROTEIN GI NO.:</b>	116325983
<b>OFFICIAL SYMBOL:</b>	TMEM37
<b>GENE ID:</b>	140738

### Background

<b>REFERENCES:</b>	1) Burgess DL, Davis CF, Gefrides LA, Noebels JL. Identification of three novel Ca(2+) channel gamma subunit genes reveals molecular diversification by tandem and chromosome duplication. Genome Res. 1999 Dec;9(12):1204-13.
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