

Rabbit TMEM37 Polyclonal Antibody | anti-TMEM37 antibody

TMEM37 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322689	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

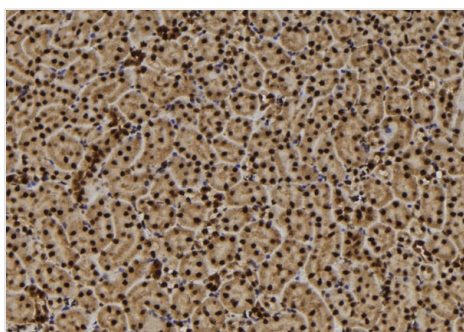
PRODUCT SYNONYMS

TMEM37; Polyclonal Antibody; TMEM37 Antibody; CACNG5; CCGL_HUMAN; Neuronal voltage gated calcium channel gamma like subunit; Neuronal voltage-gated calcium channel gamma-like subunit; PR; PR1; Tmem37; Transmembrane protein 37; Voltage dependent calcium channel gamma subunit like protein; Voltage-dependent calcium channel gamma-like subunit; anti-TMEM37 antibody

PRODUCT SPECIFICATIONS

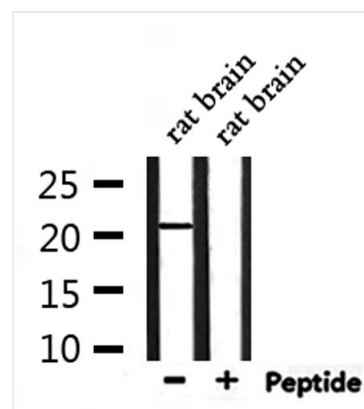
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TMEM37 antibody detects endogenous levels of total TMEM37
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	190
Applicable Applications for anti-TMEM37 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TMEM37
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



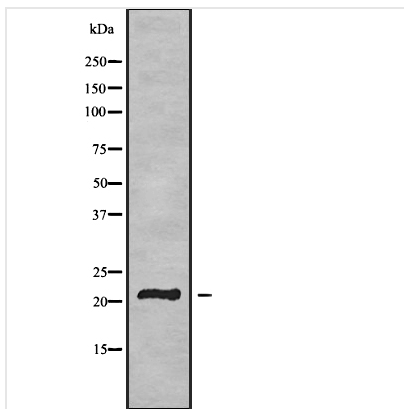
IHC (Immunohistochemistry)

AAA322689 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from rat brain, using TMEM37 Antibody.



WB (Western Blot)

Western blot analysis of TMEM37 using HUVEC whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-TMEM37 antibody

Function: Thought to stabilize the calcium channel in an inactivated (closed) state. Modulates calcium current when coexpressed with CACNA1G (By similarity).

Subunit Structure: The L-type calcium channel is composed of five subunits: alpha-1, alpha-2/delta, beta and gamma.

Similarity: Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116325983
NCBI GeneID	140738
NCBI Accession #	NP_899063.2
NCBI GenBank Nucleotide #	NM_183240.2
UniProt Accession #	Q8WXS4
Molecular Weight	Observed: 21 kDa Predicted: 21 kDa
NCBI Official Full Name	voltage-dependent calcium channel gamma-like subunit
NCBI Official Synonym Full Names	transmembrane protein 37
NCBI Official Symbol	TMEM37
NCBI Official Synonym Symbols	PR; PR1
NCBI Protein Information	voltage-dependent calcium channel gamma-like subunit
UniProt Protein Name	Voltage-dependent calcium channel gamma-like subunit
UniProt Gene Name	TMEM37

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tmem37-antibody-immunohistochemistry-western-blot-elisa/322689>