

Rabbit L-type Ca⁺⁺ CP gamma5 Polyclonal Antibody | anti-CACNG5 antibody

L-type Ca⁺⁺ CP gamma5 Polyclonal Antibody

CATALOG # AAA173746	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

L-type Ca⁺⁺ CP gamma5; Polyclonal Antibody; L-type Ca⁺⁺ CP gamma5 Polyclonal Antibody; anti-CACNG5 antibody

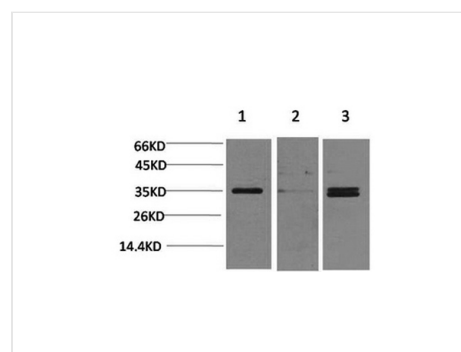
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	275
Applicable Applications for anti-CACNG5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain tissue with L-type Ca⁺⁺ CP gamma5 Polyclonal Antibody.


WB (Western Blot)

Western Blot analysis of 1) Human brain, 2) Mouse brain, 3) Rat brain using L-type Ca⁺⁺ CP gamma5 Polyclonal Antibody at dilution of 1:20000.

ADDITIONAL INFORMATION

Related Product Information for anti-CACNG5 antibody	CACNG5 (Calcium Voltage-Gated Channel Auxiliary Subunit Gamma 5) is a Protein Coding gene. Diseases associated with CACNG5 include Schizophrenia. Among its related pathways are CCR5 Pathway in Macrophages and PEDF Induced Signaling. GO annotations related to this gene include voltage-gated calcium channel activity and ion transmembrane transporter activity. An important paralog of this gene is CACNG7.The protein encoded by this gene is a type II transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members, a type I TARP and a calcium channel gamma subunit. This gene is a susceptibility locus for schizophrenia and bipolar disorder.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22027551
NCBI GeneID	27091
NCBI Accession #	NP_665810.1
NCBI GenBank Nucleotide #	NM_145811.2
UniProt Accession #	Q9UF02; Q547R3; Q8WXS7; Q9UHM3; A8K2A6
Molecular Weight	35kDa
NCBI Official Full Name	voltage-dependent calcium channel gamma-5 subunit
NCBI Official Synonym Full Names	calcium voltage-gated channel auxiliary subunit gamma 5
NCBI Official Symbol	CACNG5
NCBI Protein Information	voltage-dependent calcium channel gamma-5 subunit
UniProt Protein Name	Voltage-dependent calcium channel gamma-5 subunit
UniProt Gene Name	CACNG5
UniProt Synonym Gene Names	TARP gamma-5

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://stage.aaabiotech.com/polyclonal/i-type-ca-cp-gamma5-antibody-immunohistochemistry-western-blot-elisa/173746>