



L-type Ca⁺⁺ CP γ 7 rabbit pAb

Cat No.:ES2728

For research use only

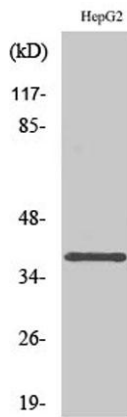
Overview

Product Name	L-type Ca ⁺⁺ CP γ 7 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CACNG7. AA range:198-247
Specificity	L-type Ca ⁺⁺ CP γ 7 Polyclonal Antibody detects endogenous levels of L-type Ca ⁺⁺ CP γ 7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Voltage-dependent calcium channel gamma-7 subunit
Gene Name	CACNG7
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	59284
Human Swiss-Prot Number	P62955
Alternative Names	CACNG7; Voltage-dependent calcium channel gamma-7 subunit; Neuronal voltage-gated calcium channel gamma-7 subunit; Transmembrane AMPAR regulatory protein gamma-7; TARP gamma-7 calcium voltage-gated channel auxiliary subunit gamma 7(CACNG7) Homo sapiens The protein encoded by this gene is a type II transmembrane
Background	

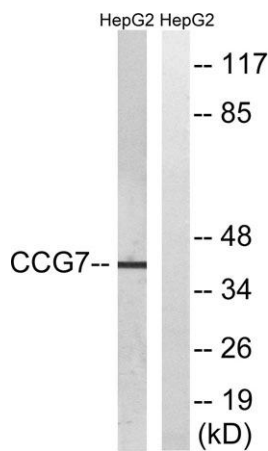




AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members, a type I TARP and a calcium channel gamma subunit. [provided by RefSeq, Dec 2010],



Western Blot analysis of various cells using L-type Ca⁺⁺ CP γ 7 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HepG2 cells, using CACNG7 Antibody. The lane on the right is blocked with the synthesized peptide.

