

Datasheet for ABIN7042995

**anti-CACNG7 antibody (1st Extracellular Loop)****1** Image[Go to Product page](#)

## Overview

Quantity:	25 µL
Target:	CACNG7
Binding Specificity:	1st Extracellular Loop, AA 67-80
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG7 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)REKGR(S)VASEYFLE, corresponding to amino acid residues 67-80 of human CACNG7
Isotype:	IgG
Characteristics:	Anti-CACNG7 (extracellular) Antibody is directed against an epitope of human CaVγ7. Anti-CACNG7 Antibody (ABIN7042995, ABIN7044051 and ABIN7044052)) can be used in western blot analysis. The antibody recognizes an extracellular epitope and is thus ideal for detecting CaVγ7 in living cells. It has been designed to recognize CaVγ7 from rat, mouse and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

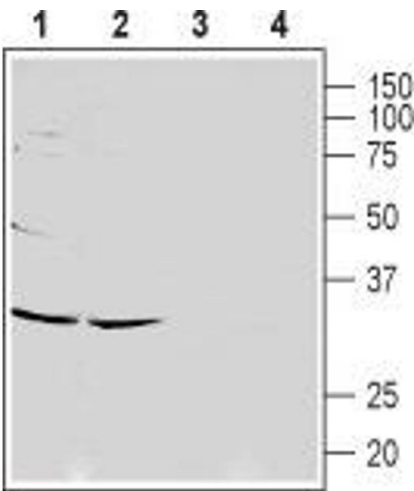
Target:	CACNG7
Alternative Name:	CACNG7 ( <a href="#">CACNG7 Products</a> )
Background:	Alternative names: CACNG7, CaVgamma7, Voltage-dependent calcium channel gamma-7 subunit, TARP gamma-7, Transmembrane AMPAR regulatory protein gamma-7
Gene ID:	59284
NCBI Accession:	<a href="#">NM_001384801</a>
UniProt:	<a href="#">P62955</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.85 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

**Image 1.** Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates: - 1,2. Anti-CACNG7 (extracellular) Antibody (ABIN7042995, ABIN7044051 and ABIN7044052), (1:1000).3,4. Anti-CACNG7 (extracellular) Antibody, preincubated with CACNG7 (extracellular) Blocking Peptide (#BLP-CC109).