

Datasheet for ABIN656794  
**anti-CACNG4 antibody (AA 147-175)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	CACNG4
Binding Specificity:	AA 147-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This CACNG4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 147-175 amino acids from the Central region of human CACNG4.
Clone:	RB32662
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	CACNG4
Alternative Name:	CACNG4 ( <a href="#">CACNG4 Products</a> )

## Target Details

**Background:** The protein encoded by this gene is a type I 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 II TARP and a calcium channel gamma subunit.

**Molecular Weight:** 36579

**Gene ID:** 27092

**NCBI Accession:** [NP\\_055220](#)

**UniProt:** [Q9UBN1](#)

## Application Details

**Application Notes:** WB: 1:1000. FC: 1:10~50

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

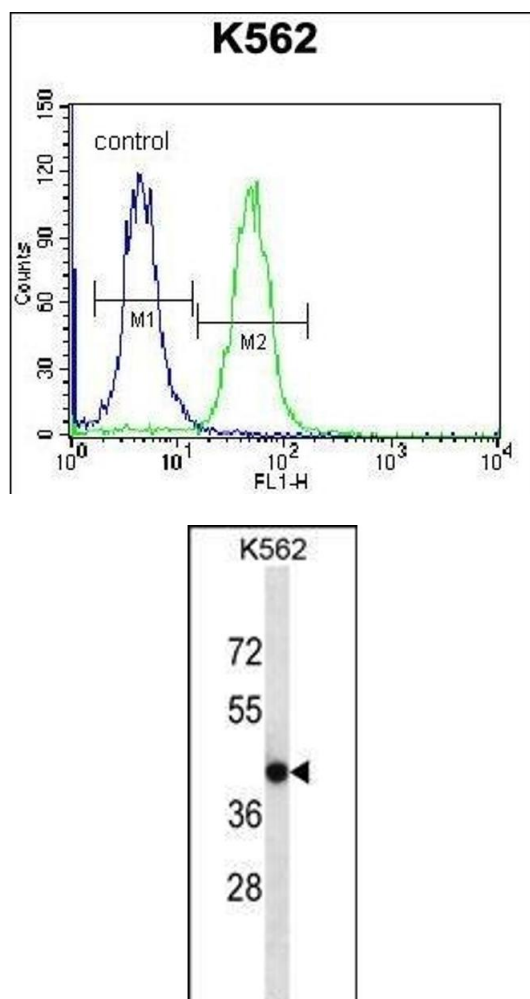
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** CACNG4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

**Expiry Date:** 6 months



### Flow Cytometry

**Image 1.** CACNG4 Antibody (Center) (ABIN656794 and ABIN2846013) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** CACNG4 Antibody (Center) (ABIN656794 and ABIN2846013) western blot analysis in K562 cell line lysates (35  $\mu$ g/lane). This demonstrates the CACNG4 antibody detected the CACNG4 protein (arrow).