

Datasheet for ABIN6257981

anti-CACNG5 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CACNG5
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	CACNG5 antibody detects endogenous levels of total CACNG5
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CACNG5
Alternative Name:	CACNG5 (CACNG5 Products)
Background:	Description: Regulates the gating properties of AMPA-selective glutamate receptors (AMPA receptors).

Target Details

Modulates their gating properties by accelerating their rates of activation, deactivation and desensitization. Displays subunit-specific AMPA receptor regulation. Shows specificity for GRIA1, GRIA4 and the long isoform of GRIA2. Thought to stabilize the calcium channel in an inactivated (closed) state (By similarity).

Gene: CACNG5

Molecular Weight: 31 kDa

Gene ID: 27091

UniProt: [Q9UF02](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

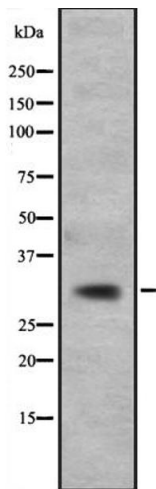
Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

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



Western Blotting

Image 1. Western blot analysis of CACNG5 expression in K562 cell lysate ,The lane on the left is treated with the antigen-specific peptide.