

Datasheet for ABIN6137826

anti-Stargazin antibody (AA 204-323)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Stargazin (CACNG2)
Binding Specificity:	AA 204-323
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stargazin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 204-323 of human CACNG2 (NP_006069.1).
Sequence:	RHKQLRATAR ATDYLQASAI TRIPSYRYRY QRRSRSSRS TEPHSRDAS PVGIKGFNTL PSTEISMYTL SRDPLKAATT PTATYNSSDRD NSFLQVHNCI QKENKDSLHS NTANRRTPV
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

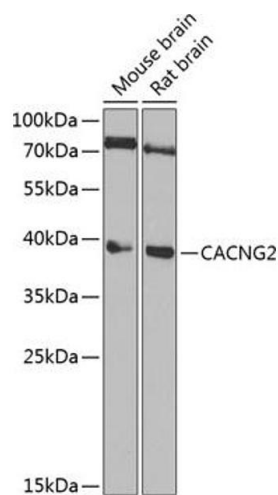
Target:	Stargazin (CACNG2)
Alternative Name:	CACNG2 (CACNG2 Products)
Background:	The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. This gene is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family. This gene is a susceptibility locus for schizophrenia.,CACNG2,MRD10,Signal Transduction,Neuroscience,Calcium Signaling,CACNG2
Molecular Weight:	35 kDa
Gene ID:	10369
UniProt:	Q9Y698
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using C Antibody (ABIN6129365, ABIN6137826, ABIN6137828 and ABIN6222199) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.