

Datasheet for ABIN2776261

anti-CACNG8 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CACNG8
Binding Specificity:	Middle Region
Reactivity:	Mouse, Human, Rat, Pig, Cow, Guinea Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ISANAGEPGP KRDEEKKNHY SYGWSFYFGG LSFILAEVIG VLAVNIYIER
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against Cacng8. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CACNG8
Alternative Name:	Cacng8 (CACNG8 Products)
Background:	Cacng8 regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPA receptors). It promotes their targeting to the cell membrane and synapses and modulates their

Target Details

gating properties by slowing their rates of activation, deactivation and desensitization and by mediating their resensitization. Cacng8 does not show subunit-specific AMPA receptor regulation and regulates all AMPAR subunits. Cacng8 is thought to stabilize the calcium channel in an inactivated (closed) state.

Alias Symbols: -

Protein Size: 423

Molecular Weight:	43 kDa
Gene ID:	81905
NCBI Accession:	NM_133190 , NP_573453
UniProt:	Q8VHW2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 423 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Cacng8 Antibody Titration:
1.0 ug/ml Positive Control: Mouse Liver