

Datasheet for ABIN350165  
**anti-CACNG3 antibody (N-Term)**



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## Overview

Quantity:	500 µg
Target:	CACNG3
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthetic peptide from the n-terminal region of human CACNG3 conjugated to an immunogenic carrier protein was used as the antigen. The peptide is homologous in rat, mouse.
Isotype:	IgG
Specificity:	Specific for CACNG3.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

## Target Details

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Target:	CACNG3
Alternative Name:	CACNG3 ( <a href="#">CACNG3 Products</a> )
Background:	FUNCTION: Thought to stabilize the calcium channel in an inactivated (closed) state. Involvement in disease: Candidate gene for a familial infantile convulsive disorder with paroxysmal choreoathetosis. Subcellular location: Membrane, Single-pass type I membrane protein, Gamma Subunit, Voltage-dependent calcium channel gamma-3 subunit, Neuronal voltage-gated calcium channel gamma-3 subunit
UniProt:	<a href="#">O60359</a>

## Application Details

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Application Notes:	IHC, WB. A concentration of 10-50 µg/ml is recommended. The optimal concentration should be determined by the end user. Not yet tested in other applications.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Reconstitute in 500 µL of sterile water. Centrifuge to remove any insoluble material.
Handling Advice:	Avoid freeze and thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months