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Datasheet for ABIN350168
anti-CACNG5 antibody (AA 150-200)

Overview

Quantity:	500 µg
Target:	CACNG5
Binding Specificity:	AA 150-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide from AA 150-200 of human CACNG5 conjugated to an immunogenic carrier protein was used as the antigen. The antigen is homologous in rat, mouse.
Isotype:	IgG
Specificity:	Specific for CACNG5.
Cross-Reactivity:	Human, Mouse, Rat
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	CACNG5
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Target Details

Alternative Name: CACNG5 ([CACNG5 Products](#))

Background: FUNCTION: Thought to stabilize the calcium channel in an inactivated (closed) state.
Subcellular location: Membrane, Single-pass type I membrane protein, Gamma Subunit, Voltage-dependent calcium channel gamma-5 subunit, Neuronal voltage-gated calcium channel gamma-5 subunit

UniProt: [Q9UF02](#)

Application Details

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

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
