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Datasheet for ABIN350165

anti-CACNG3 antibody (N-Term)

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: IaG 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 (CACNG3 Products)
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 paroxysomal 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:	O60359
Application Details	
Application Notes:	IHC, WB. A concentration of 10-50 μ g,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