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Datasheet for ABIN2776283

## anti-CACNG6 antibody (N-Term)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	CACNG6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CACNG6 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CACNG6
Sequence:	RAHGQGRSGL TPEREGKVKL ALLLAAVGAT LAVLSVGTEF WVLENTYKAN
Predicted Reactivity:	Cow: 82%, Dog: 91%, Guinea Pig: 83%, Human: 100%, Mouse: 92%, Rabbit: 93%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against CACNG6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

### Target Details

Target:	CACNG6
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## Target Details

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Alternative Name:	CACNG6 ( <a href="#">CACNG6 Products</a> )
Background:	<p>L-type calcium channels are composed of five subunits. The protein encoded by CACNG6 represents one of these subunits, gamma, and is one of several gamma subunit proteins. It is an integral membrane protein that is thought to stabilize the calcium channel in an inactive (closed) state. CACNG6 is a member of the neuronal calcium channel gamma subunit gene subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two similar gamma subunit-encoding genes.</p> <p>Protein Size: 214</p>
Molecular Weight:	24 kDa
Gene ID:	59285
NCBI Accession:	<a href="#">NM_145815</a> , <a href="#">NP_665814</a>
UniProt:	<a href="#">Q9BXT2</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 214 AA
Restrictions:	For Research Use only

## Handling

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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.

## Publications

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Product cited in: Braun, Sponder, Pieper, Aschenbach, Deiner: "GABA selectively increases mucin-1 expression in isolated pig jejunum." in: **Genes & nutrition**, Vol. 10, Issue 6, pp. 47, (2015) ([PubMed](#)).

## Images

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### Western Blotting

**Image 1.** WB Suggested Anti-CACNG6 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate