



# Anti-CACNG8 (internal region) polyclonal antibody (CABT-BL823)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	A synthetic peptide from the internal region of human CACNG8, conjugated to an immunogenic carrier protein.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Purification</b>	Whole antiserum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, IHC-Fr
<b>Cellular Localization</b>	Membrane. Cell junction; synapse; postsynaptic cell membrane; postsynaptic density.
<b>Format</b>	Liquid
<b>Buffer</b>	Whole serum, 1X PBS
<b>Preservative</b>	None
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

## BACKGROUND

<b>Introduction</b>	The protein encoded by this gene is a type I transmembrane AMPA receptor regulatory protein (TARP). TARPs regulate both trafficking and channel gating of the AMPA receptors. This gene
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is part of a functionally diverse eight-member protein subfamily of the PMP-22/EMP/MP20 family and is located in a cluster with two family members, a type II TARP and a calcium channel gamma subunit. The mRNA for this gene is believed to initiate translation from a non-AUG (CUG) start codon. [provided by RefSeq, Dec 2010]

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## GENE INFORMATION

Entrez Gene ID	<a href="#">59283</a>
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Protein Refseq	<a href="#">NP_114101</a>
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UniProt ID	<a href="#">Q8WXS5</a>
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