

Product datasheet

Anti-CACNG1 antibody ab89240

2 Images

Overview

Product name	Anti-CACNG1 antibody
Description	Mouse polyclonal to CACNG1
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Full length Human CACNG1 protein (NP_000718.1, amino acids 1-222)
Positive control	CACNG1 expressing 293 cells, K562 cell lysate and CACNG1 transfected 293T cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab89240** in the following tested applications.

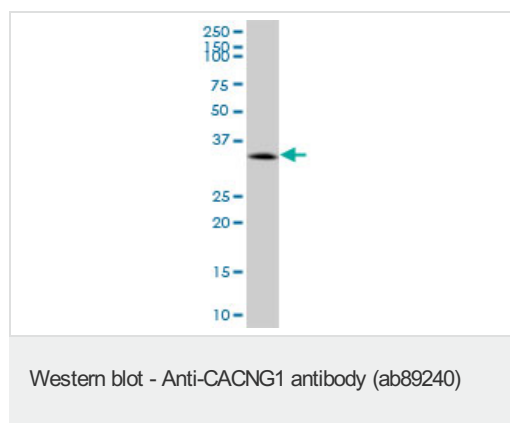
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 25 kDa.
Flow Cyt		Use at an assay dependent concentration. ab37355 - Mouse polyclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Function	This protein is a subunit of the dihydropyridine (DHP) sensitive calcium channel. Plays a role in excitation-contraction coupling. The skeletal muscle DHP-sensitive Ca(2+) channel may function only as a multiple subunit complex.
Tissue specificity	Skeletal muscle.
Sequence similarities	Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.
Cellular localization	Membrane.

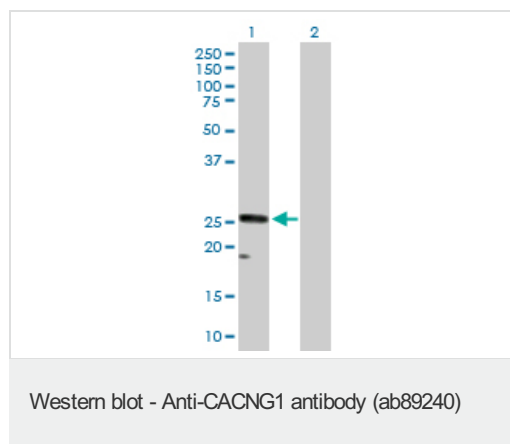
Images



Anti-CACNG1 antibody (ab89240) at 1 µg/ml
+ K562 cell lysate at 50 µg

Predicted band size: 25 kDa

Observed band size: 34 kDa



All lanes : Anti-CACNG1 antibody (ab89240)
at 1 µg/ml

Lane 1 : CACNG1 transfected 293T cell
lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Predicted band size: 25 kDa

Observed band size: 25 kDa

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