

Product datasheet

Anti-CACNG1 antibody ab89240

2 Images

Overview

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

Properties

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

Applications

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

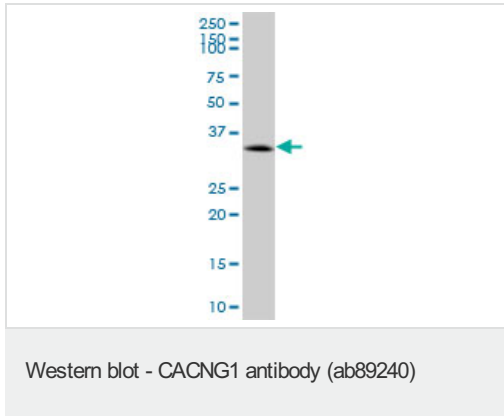
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Skeletal muscle.
<b>Sequence similarities</b>	Belongs to the PMP-22/EMP/MP20 family. CACNG subfamily.
<b>Cellular localization</b>	Membrane.

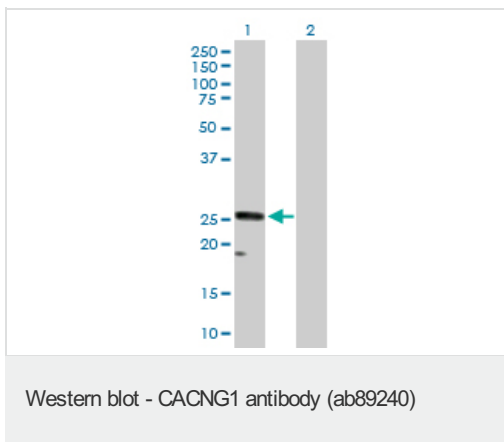
## Images



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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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