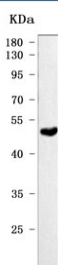


## Kcnn4 Antibody / Kca3.1 (RQ8194)

Catalog No.	Formulation	Size
RQ8194	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	O89109
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Kcnn4 antibody is available for research use only.



Western blot testing of mouse heart tissue lysate with Kcnn4 antibody. Predicted molecular weight ~48 kDa.

## Description

Intermediate conductance calcium-activated potassium channel protein 1 (KCNN4, Kca3.1) is part of a potentially heterotetrameric voltage-independent potassium channel that is activated by intracellular calcium. Activation is followed by membrane hyperpolarization, which promotes calcium influx. KCNN4 may be part of the predominant calcium-activated potassium channel in T-lymphocytes. This gene is similar to other KCNN family potassium channel genes, but it differs enough to possibly be considered as part of a new subfamily.

## Application Notes

Optimal dilution of the Kcnn4 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant mouse protein (amino acids Y324-T425) was used as the immunogen for the Kcnn4 antibody.

## Storage

After reconstitution, the Kcnn4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.