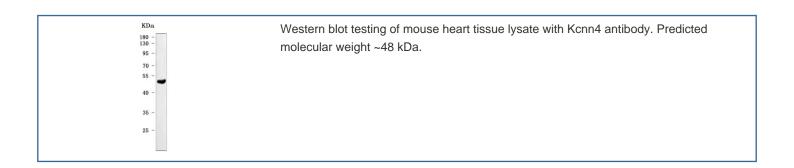


Kcnn4 Antibody / Kca3.1 (RQ8194)

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

Bulk quote request

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



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.