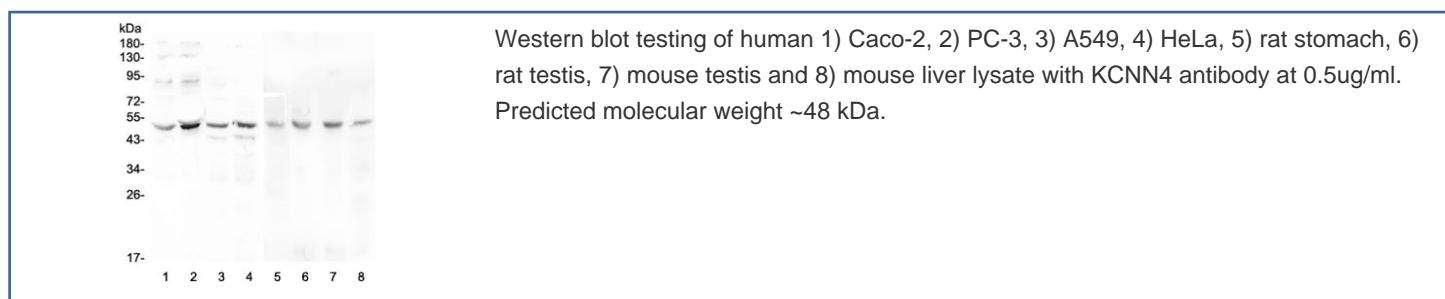


## KCNN4 Antibody (RQ4583)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ4583      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

|                    |  |
|--------------------|--|
| Availability       | 1-3 business days  |
| Species Reactivity | Human, Mouse, Rat  |
| Format             | Antigen affinity purified  |
| Host               | Rabbit   |
| Clonality          | Polyclonal (rabbit origin)   |
| Isotype            | Rabbit IgG   |
| Purity             | Antigen affinity purified  |
| Buffer             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide                    |
| UniProt            | O15554   |
| Applications       | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml (human recombinant protein) |



### 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

Amino acids K309-Q364 from the human protein were 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.