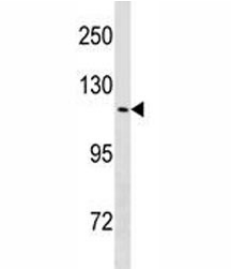
# TRPV4 Antibody (F46973)

| Catalog No. | Formulation | Size |
|---|---|---|
| F46973-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F46973-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity |
| **UniProt** | Q9HBA0 |
| **Applications** | 1:1000 |
| **Limitations** | This TRPV4 antibody is available for research use only. |




TRPV4 antibody western blot analysis in HeLa lysate.

## Description

This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a Ca2+-permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Mutations in this gene are the cause of spondylometaphyseal and metatropic dysplasia and hereditary motor and sensory neuropathy type IIC. Multiple transcript variants encoding different isoforms have been found for this gene.

## Application Notes

Titration of the TRPV4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 160-189 from the human protein was used as the immunogen for this TRPV4 antibody.

## Storage

Aliquot the TRPV4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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