



Datasheet for ABIN3029252
anti-TRPV4 antibody (AA 160-189)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 0.4 mL |
| Target: | TRPV4 |
| Binding Specificity: | AA 160-189 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRPV4 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | A portion of amino acids 160-189 from the human protein was used as the immunogen for this TRPV4 antibody. |
| Isotype: | Ig Fraction |
| Cross-Reactivity (Details): | Expected species reactivity: Mouse, Rat |
| Purification: | Antigen affinity purified |

Target Details

| | |
|-------------------|--|
| Target: | TRPV4 |
| Alternative Name: | TRPV4 (TRPV4 Products) |
| Background: | This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) |

Target Details

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.

UniProt: [Q9HBA0](#)

Pathways: [Hormone Transport, Cell-Cell Junction Organization](#)

Application Details

Application Notes: Titration of the TRPV4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

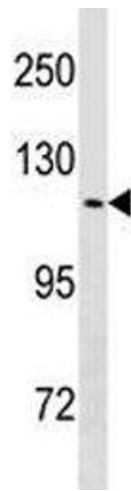
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

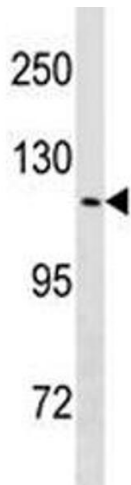
Storage: -20 °C

Storage Comment: Aliquot the TRPV4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. TRPV4 antibody western blot analysis in HeLa lysate.



Western Blotting

Image 2. TRPV4 antibody western blot analysis in HeLa lysate.