

TRPV4 Antibody

CAB5660

Description

This TRPV4 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

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|----------------------|--|
| SKU: | CAB5660 |
| Contents: | 20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml) |
| Category: | Polyclonal Antibody |
| Synonyms: | SMAL, VRL2, BCYM3, CMT2C, SPSMA, TRP12, VROAC, HMSN2C, OTRPC4, SSQTL1, TRPV4 |
| Clone: | - |
| Applications: | WB ELISA |
| Conjugation: | Unconjugated |
| Reactivity: | Human |

Antibody Data

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|-----------------------|-----------------------|
| Gene ID: | 59341 |
| Uniprot: | AB_2766420 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 95kDa |
| Calculated MW: | 98kDa |

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

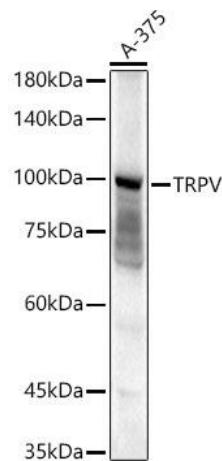
Positive Sample: A-375

Recommended Dilutions:

| | |
|--------------|---|
| WB | 1:500 - 1:1000 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from A-375 cells, using TRPV4 Rabbit pAb (CAB5660) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.