

TRPV4 Antibody (aa719-768) LS-C110035	
Catalog ID / Lot ID:	LS-C110035
Target:	TRPV4
Synonyms:	TRPV4, CMT2C, HMSN2C, OTRPC4, SSQTL1, VR-OAC, VRL-2, Osm-9-like TRP channel 4, SPSMA, TRP12, VRL2, VROAC, SMAL
Family / Subfamily:	Ion Channel / Calcium channel - TRP
Host	TRPV4 antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	TRPV4 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	TRPV4 antibody was raised against synthetic peptide located between aa719-768 of human TRPV4 (Q9HBA0-2, NP_671737). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Rabbit, Opossum (100%); Galago, Marmoset, Bovine, Bat, Pig (92%); Mouse, Rat, Dog, Guinea pig, Turkey, Chicken (85%).
Specificity:	Human TRPV4
Epitope:	aa719-768
Reactivity:	Human
Purification:	Immunoaffinity purified
Presentation:	PBS, 0.09% sodium azide, 2% sucrose
Recommended Storage:	Short term: Store at 2-8°C. Long term: Aliquot and store at -20°C. Avoid freeze/thaw cycles.
Usage Summary:	Western Blot: Suggested dilution at 1 ug/ml in 5% skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Uses:	Western blot (0.2 - 1 µg/ml) (optimal dilution to be determined by the researcher)
Uses Not Recommended:	IHC - Paraffin
Size:	100 µl
Concentration:	0.5 mg/ml
Laboratory Reagent For In Vitro Research Use Only	
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Created on 8/19/2022	
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Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. We recommend briefly centrifuging the vial to dislodge any liquid in the container's cap prior to opening.

Warning: This reagent may contain sodium azide. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Standard Laboratory Practices should be followed. Avoid skin and eye contact, inhalation, and ingestion. Sodium azide forms hydrazoic acid under acidic conditions and may react with lead or copper plumbing to form highly explosive metal azides. On disposal, flush with large volumes of water to prevent accumulation.

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Disclaimer: Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your system. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.