

# TRPV6 Polyclonal Antibody

Product Details	
Size	50 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide (C)NRGLEDGESWEYQI, corresponding to amino acid residues 712-725 of human TRPV6
Form	Lyophilized
Concentration	0.8 mg/mL
Storage conditions	-20°C
RRID	AB_2736752

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200	-
Immunohistochemistry (IHC)	1:200	-
Immunocytochemistry (ICC/IF)	1:100 - 1:200	-
Immunoprecipitation (IP)	1:100	-

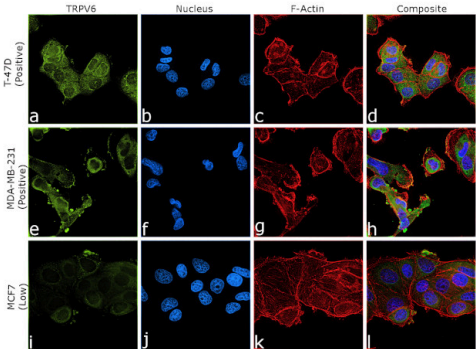
## Product Specific Information

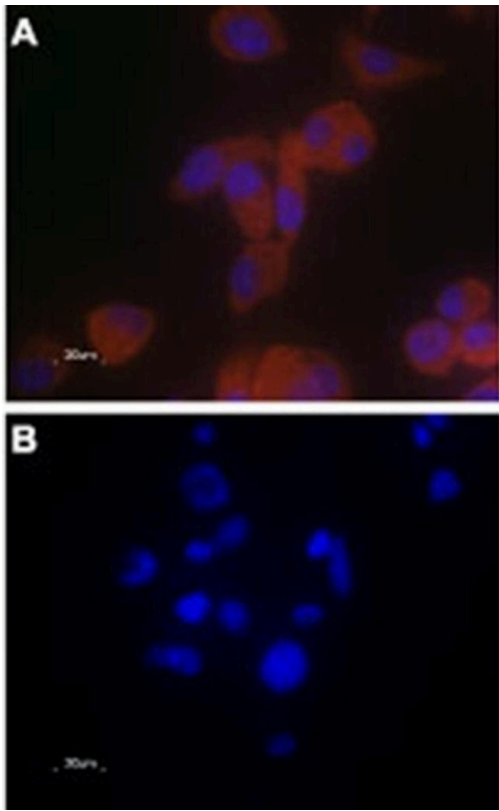
Product is shipped at room temperature as a lyophilized powder and should be stored at -20 °C upon receipt. Reconstitution: add 50 µL of deionized water.

## Product Images For TRPV6 Polyclonal Antibody

### TRPV6 Antibody (PA5-77321) in ICC/IF

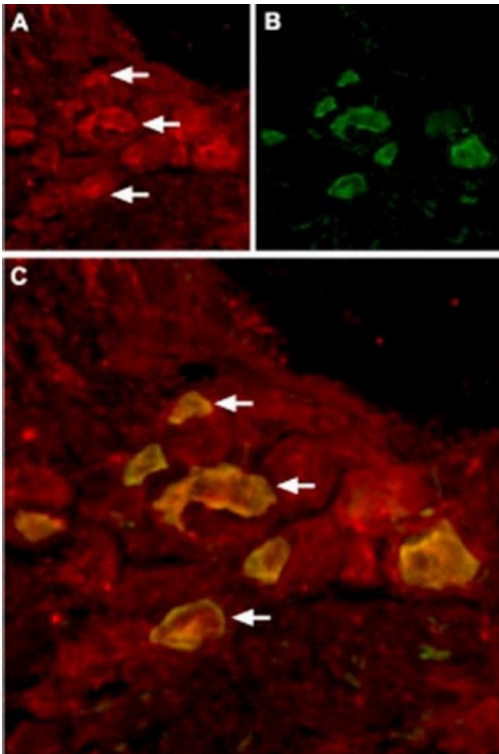
Immunofluorescence analysis of TRPV6 was performed using 70% confluent log phase T-47D, MDA-MB-231 and MCF7 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with TRPV6 Polyclonal Antibody (Product # PA5-77321) at 1: 100 in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2500), for 45 minutes at room temperature (Panel a,e,i: Green). Nuclei (Panel b,f,j:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c,g,k: Red) was stained with Rhodamine Phalloidin (Product # R415, 1: 300). Panel d and h represents the merged image showing membrane localization of TRPV6 in T-47D and MDA-MB-231, respectively and panel I represents merged image in MCF7 showing lower levels of expression for the protein in comparison to MDA-MB-231, as reported in studies. The images were captured at 60X magnification.





#### TRPV6 Antibody (PA5-77321) in ICC/IF

Immunocytochemistry analysis of TRPV6 in paraformaldehyde-fixed and permeabilized PC-3 cells. Samples were probed with TRPV6 polyclonal antibody (Product # PA5-77321) at a dilution of 1:100, and incubated with goat-anti-rabbit-AlexaFluor-555 and Hoechst.



#### TRPV6 Antibody (PA5-77321) in IHC

Immunohistochemistry analysis of TRPV6 in rat dorsal root ganglion. A) Samples were probed with TRPV6 polyclonal antibody (Product # PA5-77321) using a dilution of 1:100, and incubated with parvalbumin. B) Parvalbumin stained image. C) Merged image of Panels A and B.

[View more figures on thermofisher.com](https://thermofisher.com)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.