

TRPV4 Polyclonal Antibody

Product Details

Size	50 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide CDGHQQGYAPKWRAEDAPL, corresponding to amino acid residues 853-871 of rat TRPV4
Form	Lyophilized
Concentration	0.8 mg/mL
Storage conditions	-20°C
RRID	AB_2736749

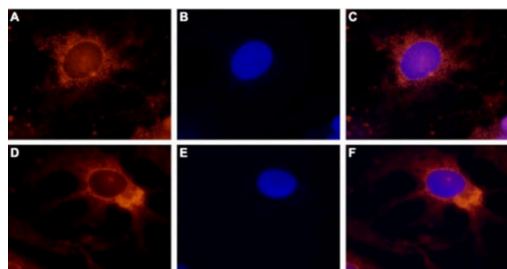
Applications	Tested Dilution	Publications
Western Blot (WB)	1:200	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	1:500	-
Immunoprecipitation (IP)	Assay-Dependent	-

Product Specific Information

Product is shipped at room temperature as a lyophilized powder and should be stored at -20C upon receipt.

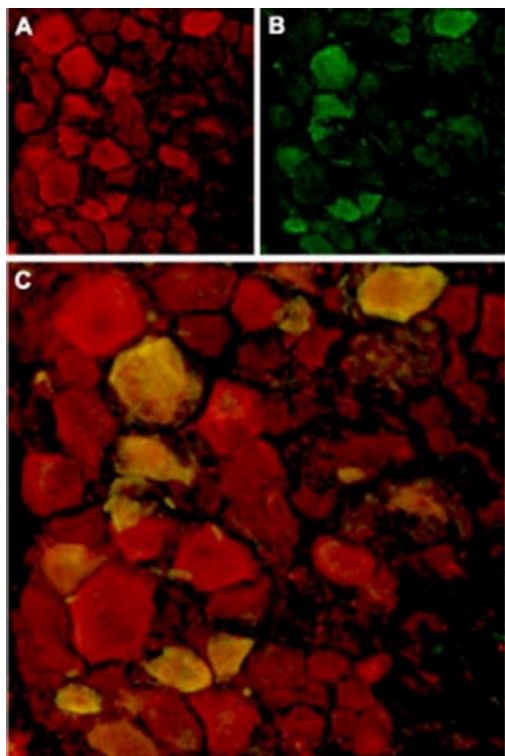
Reconstitute with 50uL deionized water.

Product Images For TRPV4 Polyclonal Antibody



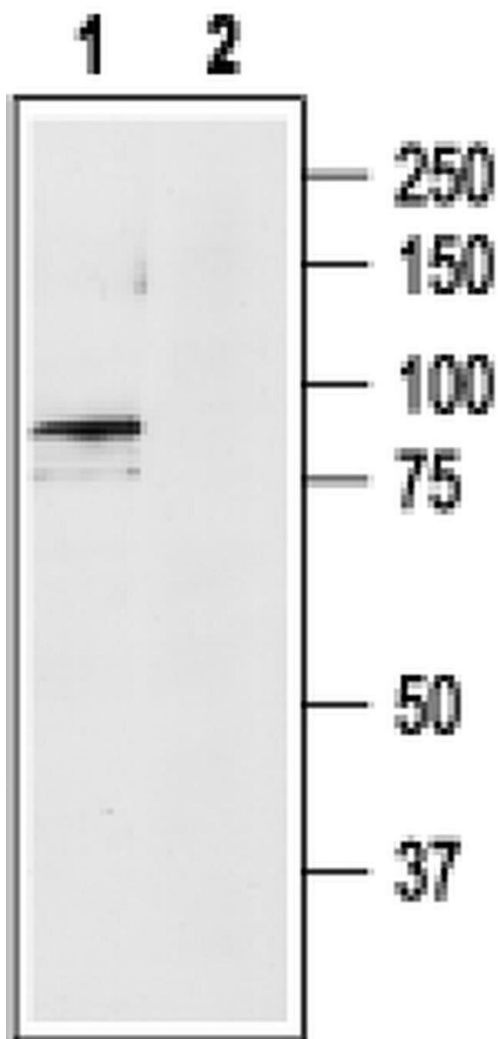
TRPV4 Antibody (PA5-77319) in ICC/IF

Immunocytochemistry analysis of TRPV4 in paraformaldehyde-fixed and permeabilized rat dorsal root ganglion. A, D) Samples were probed with TRPV4 polyclonal antibody (Product # PA5-77319) at a dilution of 1:500, and incubated with goat-anti-rabbit-AlexaFluor-555 and Hoechst. B, E) Shows nuclei stained image. C) Shows merged images of Panels A and B. F) Shows merged images of Panels D and E.



TRPV4 Antibody (PA5-77319) in IHC (F)

Immunohistochemistry analysis of TRPV4 in frozen rat dorsal root ganglion. A) Samples were probed with TRPV4 polyclonal antibody (Product # PA5-77319) and incubated with parvalbumin (green). B) Dorsal root ganglion stained image. C) Confocal merged image.



TRPV4 Antibody (PA5-77319) in WB

Western blot analysis of ND7/23 cell line lysate with TRPV4 polyclonal antibody (Product # PA5-77319) using a dilution of 1:200.

1 Reference

Western Blot (1)

JCI insight	Year 2020
TRPV4 antagonists ameliorate ventriculomegaly in a rat model of hydrocephalus.	Species Rat
"Published figure using TRPV4 polyclonal antibody (Product # PA5-77319) in Western Blot"	
Authors: Hochstetler AE,Smith HM,Preston DC,Reed MM,Territo PR,Shim JW,Fulkerson D,Blazer-Yost BL	

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