

TRPV1 Polyclonal Antibody

Product Details	
Size	50 µL
Published Species	Rat
Host/Isotype	Guinea pig / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide corresponding to amino acid residues 824-838 of rat TRPV1 (Intracellular, C-terminus)
Form	Lyophilized
Concentration	0.85 mg/mL
Storage conditions	-20°C
RRID	AB_2857240

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200	-
Immunohistochemistry (IHC)	1:200	1 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	-

Product Specific Information

Reconstitute antibody with 50 µL of double distilled water (DDW). The reconstituted solution can be stored at 4 degrees C for up to 1 week. For longer periods, small aliquots should be stored at -20 degrees C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

Peptide sequence is: (C)EDAEVFK DSMVPGEK

Homology: Mouse - 14/15 amino acid residues identical; human - 10/15 amino acid residues identical.

Immunohistochemistry (1)

Drug design, development and therapy	Year 2022
Activation of GPR18 by Resolvin D2 Relieves Pain and Improves Bladder Function in Cyclophosphamide-Induced Cystitis Through Inhibiting TRPV1.	Species Rat
"PA5-111831 was used in Immunohistochemistry to conclude that activation of GPR18 by RvD2 alleviated hyperalgesia and improved bladder function, possibly by inhibiting TRPV1 in rats with CYP-induced cystitis."	Dilution 1:200
Authors: Lu Q,Yang Y,Zhang H,Chen C,Zhao J,Yang Z,Fan Y,Li L,Feng H,Zhu J,Yi S	

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