

Datasheet for ABIN7172879
anti-TRPV2 antibody (AA 1-117)

3 Images

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Overview

Quantity:	100 µg
Target:	TRPV2
Binding Specificity:	AA 1-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Transient receptor potential cation channel subfamily V member 2 protein (1-117AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	TRPV2
Alternative Name:	TRPV2 (TRPV2 Products)
Background:	Background: Calcium-permeable, non-selective cation channel with an outward rectification.

Target Details

Seems to be regulated, at least in part, by IGF-I, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius, is not activated by vanilloids and acidic pH .

Aliases: MGC12549 antibody, Osm 9 like TRP channel 2 antibody, Osm-9-like TRP channel 2 antibody, OTRPC2 antibody, Sac2b antibody, Stretch activated channel 2B antibody, Transient receptor potential cation channel subfamily V member 2 antibody, TRPV2 antibody, TRPV2_HUMAN antibody, Vanilloid receptor like protein 1 antibody, Vanilloid receptor-like protein 1 antibody, VRL 1 antibody, VRL antibody, VRL-1 antibody, VRL1 antibody

UniProt: [Q9Y5S1](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

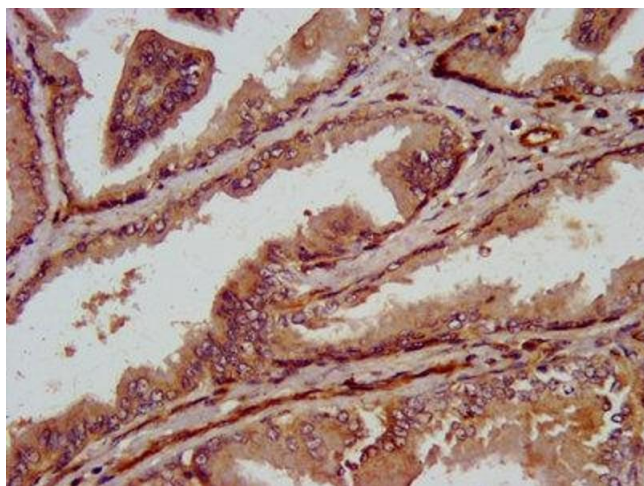
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

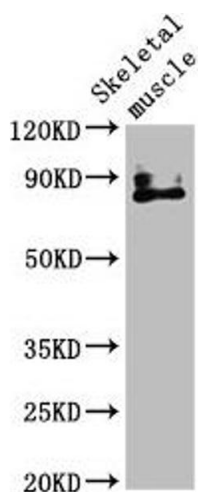
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



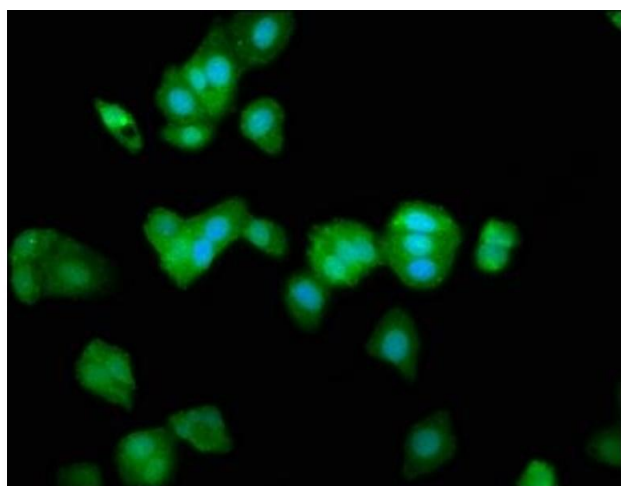
Immunohistochemistry

Image 1. IHC image of ABIN7172879 diluted at 1:800 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse skeletal muscle tissue All lanes: TRPV2 antibody at 4.51 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 86 kDa Observed band size: 86 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7172879 at 1:266, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).