

Datasheet for ABIN7172859
anti-TRPM2 antibody (AA 60-119)

6 Images

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Overview

Quantity:	100 µg
Target:	TRPM2
Binding Specificity:	AA 60-119
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Transient receptor potential cation channel subfamily M member 2 protein (60-119AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	TRPM2
Alternative Name:	TRPM2 (TRPM2 Products)
Background:	Background: Nonselective, voltage-independent cation channel mediating sodium and calcium

Target Details

ion influx in response to oxidative stress. Extracellular calcium passes through the channel and acts from the intracellular side as a positive regulator in channel activation. Activated by ADP-ribose, nicotinamide adenine dinucleotide (NAD(+)), reactive nitrogen species and arachidonic acid. Inactivated by intracellular ATP. Confers susceptibility to cell death following oxidative stress. Isoform 2 does not seem to be regulated by ADPR. Has ADP-ribose pyrophosphatase activity.

Aliases: EREG 1 antibody, EREG1 antibody, Estrogen responsive element associated gene 1 antibody, Estrogen responsive element associated gene 1 protein antibody, Estrogen-responsive element-associated gene 1 protein antibody, KNP 3 antibody, KNP3 antibody, Long transient receptor potential channel 2 antibody, LTRPC 2 antibody, LTrpC-2 antibody, LTrpC2 antibody, MGC133383 antibody, NUDT9H antibody, NUDT9L1 antibody, putative Ca²⁺ channel protein antibody, putative Ca²⁺ channel protein antibody, Transient receptor potential cation channel subfamily M member 2 antibody, Transient receptor potential channel 7 antibody, TRPC 7 antibody, TrpC7 antibody, TRPM 2 antibody, Trpm2 antibody, TRPM2_HUMAN antibody

UniProt: [O94759](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

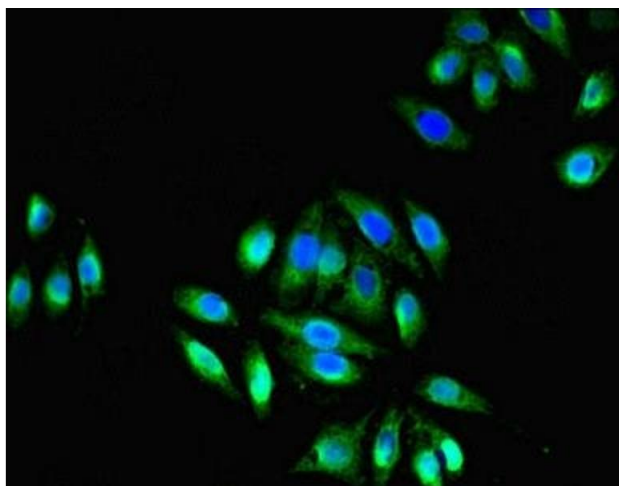
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

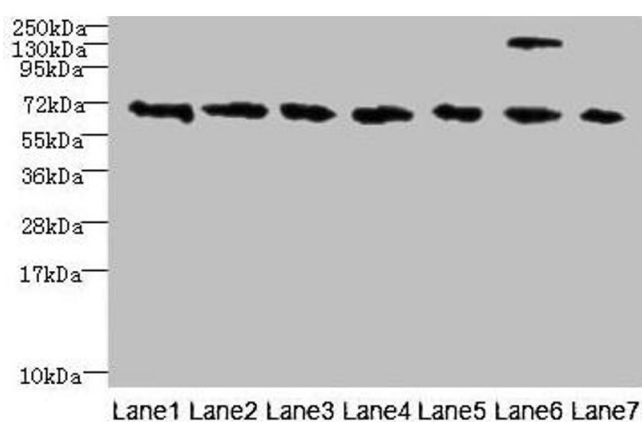
Storage: -20 °C, -80 °C

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



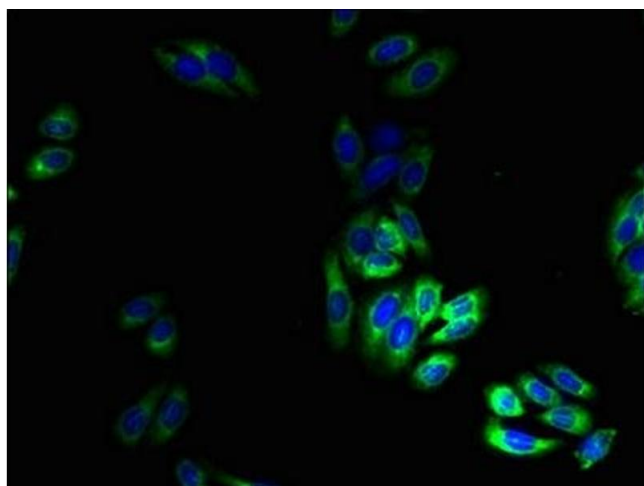
Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7172859 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western blot All lanes: TRPM2 antibody at 3 μ g/mL Lane 1: HepG2 whole cell lysate Lane 2: Mouse brain tissue Lane 3: A549 whole cell lysate Lane 4: K562 whole cell lysate Lane 5: Mouse kidney tissue Lane 6: Human placenta tissue Lane 7: Mouse spleen tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 172, 166, 96 kDa Observed band size: 70 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7172859 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7172859.