

Datasheet for ABIN7172857
anti-TRPM2 antibody (AA 1204-1503)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	TRPM2
Binding Specificity:	AA 1204-1503
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Transient receptor potential cation channel subfamily M member 2 protein (1204-1503AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity 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:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

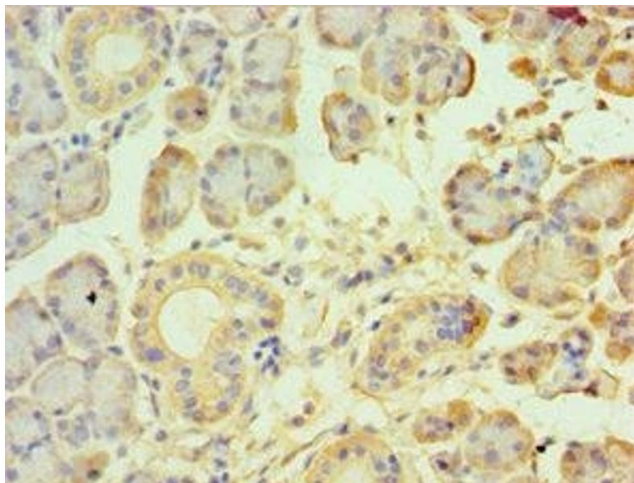
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

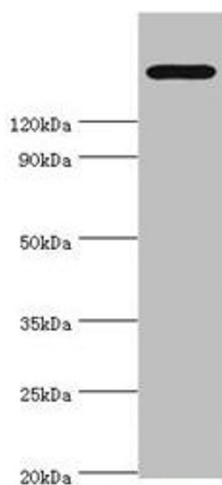
Storage: -20 °C, -80 °C

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



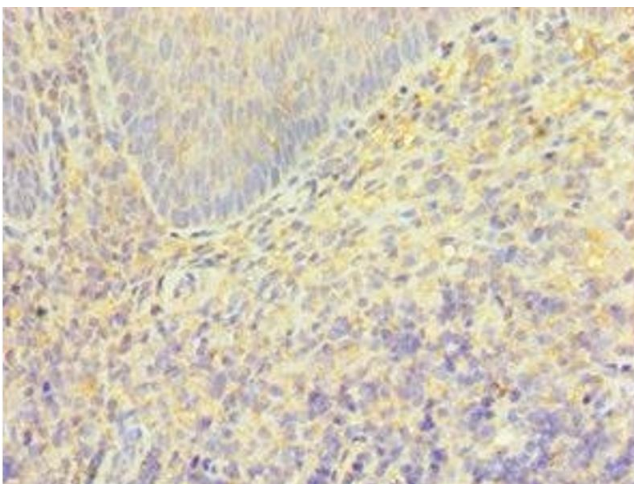
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7172857 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: TRPM2 antibody at 2 μ g/mL + K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 172, 166, 96 kDa Observed band size: 172 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7172857 at dilution of 1:100