

Datasheet for ABIN7172853  
**anti-TRPM1 antibody (AA 1-97)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	TRPM1
Binding Specificity:	AA 1-97
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Transient receptor potential cation channel subfamily M member 1 protein (1-97AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	TRPM1
Alternative Name:	TRPM1 ( <a href="#">TRPM1 Products</a> )
Background:	Background: Cation channel essential for the depolarizing photoresponse of retinal ON bipolar

## Target Details

cells. It is part of the GRM6 signaling cascade. May play a role in metastasis suppression (By similarity). May act as a spontaneously active, calcium-permeable plasma membrane channel. Aliases: CSNB1C antibody, Long transient receptor potential channel 1 antibody, LTrpC1 antibody, Melastatin 1 antibody, Melastatin-1 antibody, MLSN1 antibody, Transient receptor potential cation channel subfamily M member 1 antibody, Transient receptor potential cation channel, subfamily M, member 1 antibody, Transient receptor potential melastatin family antibody, TRPM1 antibody, TRPM1 protein antibody, TRPM1\_HUMAN antibody, Weakly similar to F54D1.5 [C.elegans] antibody

UniProt: [Q7Z4N2](#)

## Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

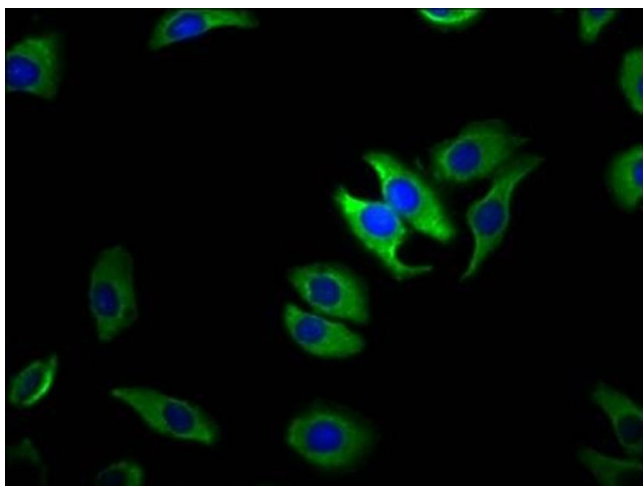
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.** Immunofluorescence staining of A549 cells with ABIN7172853 at 1:100, 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).