

Datasheet for ABIN655714  
**anti-TRPM8 antibody (AA 263-292)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	TRPM8
Binding Specificity:	AA 263-292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	This TRPM8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the Central region of human TRPM8.
Clone:	RB14791
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	TRPM8
Alternative Name:	TRPM8 ( <a href="#">TRPM8 Products</a> )

## Target Details

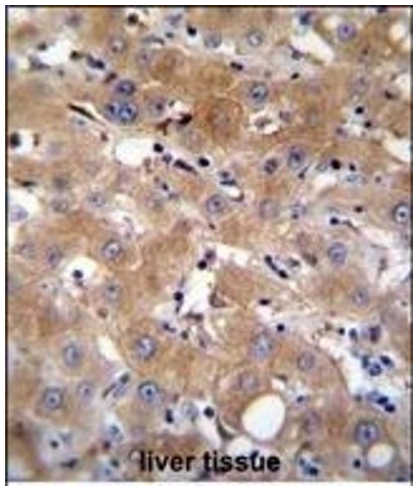
Background:	Receptor-activated non-selective cation channel involved in detection of sensations such as coolness, by being activated by cold temperature below 25 degrees Celsius. Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH . Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium. Temperature sensing is tightly linked to voltage-dependent gating. Activated upon depolarization, changes in temperature resulting in graded shifts of its voltage-dependent activation curves. The chemical agonists menthol functions as a gating modifier, shifting activation curves towards physiological membrane potentials. Temperature sensitivity arises from a tenfold difference in the activation energies associated with voltage-dependent opening and closing.
Molecular Weight:	127685
Gene ID:	79054
NCBI Accession:	<a href="#">NP_076985</a>
UniProt:	<a href="#">Q7Z2W7</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

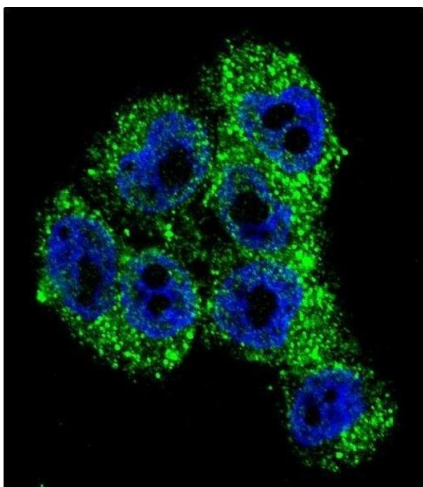
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



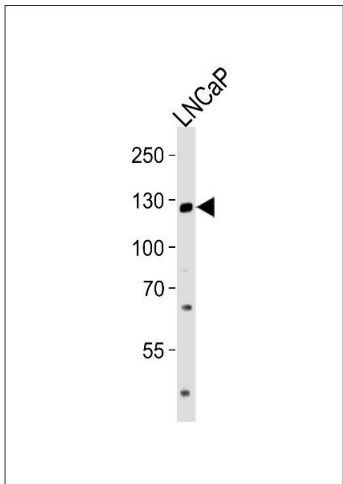
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** TR Antibody (Center) (ABIN655714 and ABIN2845164) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TR Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



#### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of TR Antibody (Center) (ABIN655714 and ABIN2845164) with cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



#### Western Blotting

**Image 3.** Western blot analysis of lysate from LNCaP cell line, using TR Antibody (Center) (ABIN655714 and ABIN2845164). (ABIN655714 and ABIN2845164) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg per lane.