



[Go to Product page](#)

Datasheet for ABIN7131495

## anti-TRPC7 antibody

### 2 Images

#### Overview

Quantity:	100 µL
Target:	TRPC7
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPC7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

#### Product Details

Immunogen:	Fusion protein of Human TRPC7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen affinity purification

#### Target Details

Target:	TRPC7
Alternative Name:	TRPC7 ( <a href="#">TRPC7 Products</a> )
Background:	Background: This protein may form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG). May also be activated by intracellular calcium store depletion. It can interact with MX1 and

## Target Details

---

RNF24. Interacts (via ANK-repeat domains) with PRKG1.

Aliases: Capacitative calcium channel TRPC7 antibody, cation channel, subfamily C, member 7 antibody, hTRP7 antibody, KNP3 antibody, Likley ortholog of mouse transient receptor potential cation channel subfamily C member 7 antibody, mTRP7 antibody, Putative capacitative calcium channel antibody, Short transient receptor potential channel 7 antibody, Transient receptor potential cation channel subfamily C member 7 antibody, transient receptor potential-related channel 7, a novel putative Ca<sup>2+</sup> channel protein antibody, Transient receptor protein 7 antibody, TRP 7 antibody, TRP-7 antibody, TRP7 protein antibody, TRPC 7 antibody, TrpC7 antibody, Trpc7 transient receptor potential cation channel, subfamily C, member 7 antibody, TRPC7\_HUMAN antibody, TRPM2 antibody, Trrp8 antibody

---

UniProt: [Q9HCX4](#)

## Application Details

---

Application Notes: ELISA:1:2000-1:5000, IHC:1:25-1:100,

Restrictions: For Research Use only

## Handling

---

Format: Liquid

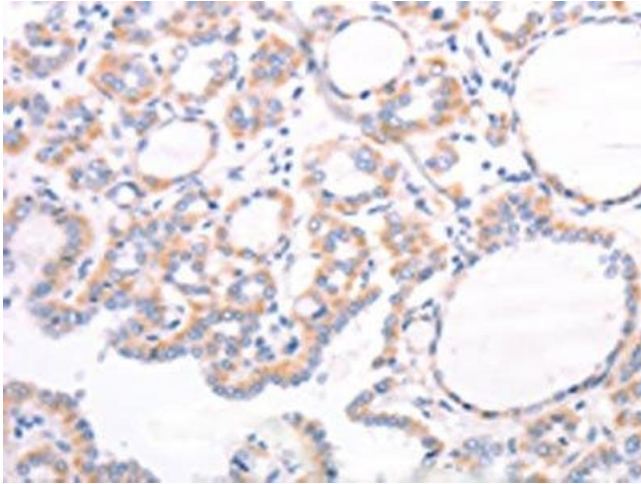
Buffer: -20 °C, pH 7.4 PBS, 0.05 % Sodium azide, 40 % Glycerol

Preservative: Sodium azide

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

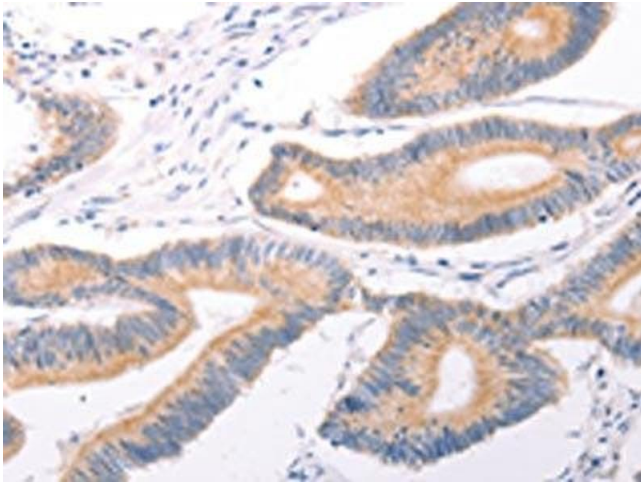
Storage: -20 °C,-80 °C

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



#### Immunohistochemistry

**Image 1.** The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ABIN7131495(TRPC7 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: x200)



#### Immunohistochemistry

**Image 2.** The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ABIN7131495(TRPC7 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: x200)