

Datasheet for ABIN3029239
anti-TRPM7 antibody (AA 1821-1850)

5 Images

[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	TRPM7
Binding Specificity:	AA 1821-1850
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPM7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 1821-1850 from the human protein was used as the immunogen for this TRPM7 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	TRPM7
Alternative Name:	TRPM7 (TRPM7 Products)
Background:	TRPCs, mammalian homologs of the Drosophila transient receptor potential (trp) protein, are ion channels that are thought to mediate capacitative calcium entry into the cell. TRP-PLIK is a protein that is both an ion channel and a kinase. As a channel, it conducts calcium and

Target Details

monovalent cations to depolarize cells and increase intracellular calcium. As a kinase, it is capable of phosphorylating itself and other substrates. The kinase activity is necessary for channel function, as shown by its dependence on intracellular ATP and by the kinase mutants.[supplied by OMIM]

UniProt: [Q96QT4](#)

Application Details

Application Notes: Titration of the TRPM7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

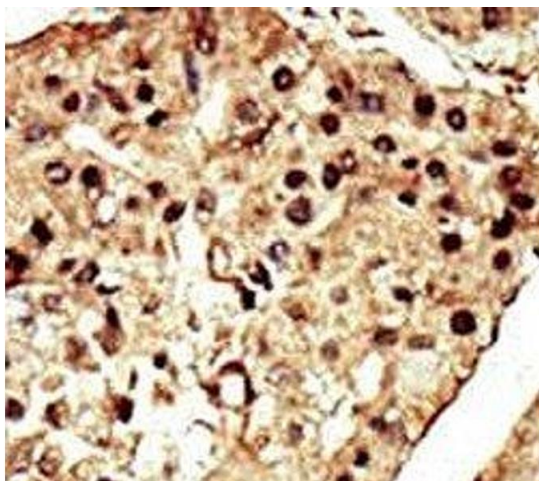
Preservative: Sodium azide

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

Storage: -20 °C

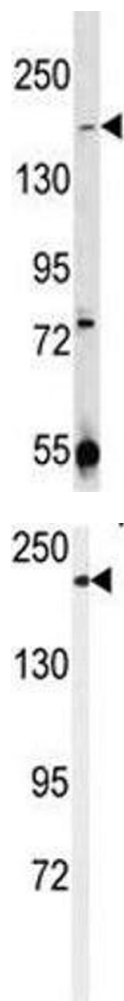
Storage Comment: Aliquot the TRPM7 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



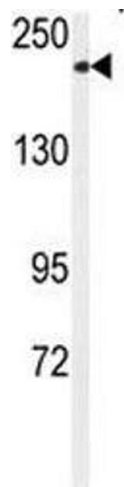
Immunohistochemistry

Image 1. IHC analysis of FFPE human hepatocarcinoma stained with the TRPM7 antibody



Western Blotting

Image 2. TRPM7 antibody western blot analysis in 293 lysate



Western Blotting

Image 3. Western blot analysis of CHAK1 / TRPM7 antibody and mouse kidney tissue lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029239.