

## Datasheet for ABIN7138224

**anti-WWTR1 antibody**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	WWTR1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WWTR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Peptide sequence around aa.386~390 (V-E-S-A-L) derived from Human TAZ.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Target Details

Target:	WWTR1
Alternative Name:	WWTR1 ( <a href="#">WWTR1 Products</a> )
Background:	Background: Transcriptional coactivator which acts as a downstream regulatory target in the Hippo signaling pathway that plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a

## Target Details

kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. WWTR1 enhances PAX8 and NKX2-1/TTF1-dependent gene activation. Regulates the nuclear accumulation of SMADS and has a key role in coupling them to the transcriptional machinery such as the mediator complex. Regulates embryonic stem-cell self-renewal, promotes cell proliferation and epithelial-mesenchymal transition.

Kanai F., Marignani P.A., Sarbassova D., Yagi R. EMBO J. 19:6778-6791(2000)

Lei Q.Y., Zhang H., Zhao B., Zha Z.Y. Mol. Cell. Biol. 28:2426-2436(2008)

Varelas X., Sakuma R., Samavarchi-Tehrani P., Peerani R. Nat. Cell Biol. 10:837-848(2008)

Di Palma T., D'Andrea B., Liguori G.L., Liguoro A. Exp. Cell Res. 315:162-175(2009)

Aliases: DKFZP586I1419 antibody, FLJ27004 antibody, FLJ45718 antibody, OTTHUMP00000215994 antibody, OTTHUMP00000215995 antibody, OTTHUMP00000215996 antibody, OTTHUMP00000216001 antibody, TAZ antibody, Transcriptional co activator with PDZ binding motif antibody, Transcriptional coactivator with PDZ binding motif antibody, Transcriptional coactivator with PDZ-binding motif antibody, WW domain containing transcription regulator 1 antibody, WW domain containing transcription regulator protein 1 antibody, WW domain-containing transcription regulator protein 1 antibody, WWTR 1 antibody, WWTR1 antibody, WWTR1\_HUMAN antibody

UniProt: [Q9GZV5](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: WB:1:500-1:1000,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

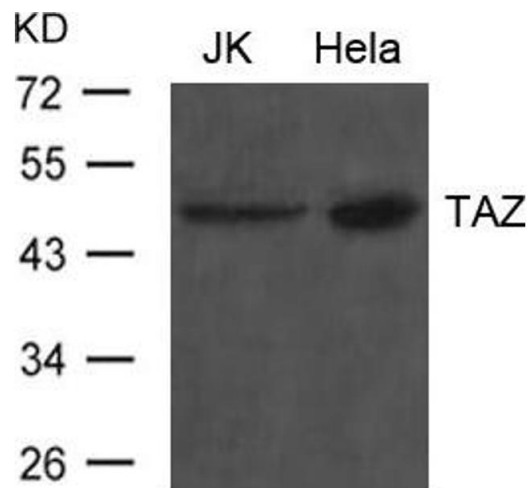
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	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.

Images



Western Blotting

**Image 1.** Western blot analysis of extract from JK and HeLa cells using TAZ Antibody