# antibodies - online.com







# anti-WWTR1 antibody (C-Term)





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Quantity:	400 μL
Target:	WWTR1
Binding Specificity:	AA 296-330, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WWTR1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This WWTR1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 296-330 amino acids from the C-terminal region of human WWTR1.
Clone:	RB51589
Isotype:	Ig Fraction
Predicted Reactivity:	М
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	WWTR1
Alternative Name:	WWTR1 (WWTR1 Products)

### **Target Details**

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 kinase cascade wherein STK3/MST2 and STK4/MST1, 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.

Molecular Weight:

44101

UniProt:

Q9GZV5

Pathways:

Regulation of Lipid Metabolism by PPARalpha

#### **Application Details**

Application Notes:

WB: 1:1000

6 months

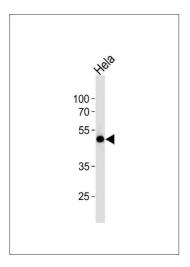
Restrictions:

For Research Use only

# Handling

**Expiry Date:** 

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



## **Western Blotting**

**Image 1.** Western blot analysis of lysate from Hela cell line, using WWTR1 Antibody (C-term) (ABIN6243336 and ABIN6577794). (ABIN6243336 and ABIN6577794) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20  $\mu$ g.