

## TAZ Antibody

Catalog No: #21634



Package Size: #21634-1 50ul #21634-2 100ul #21634-4 25ul

## Overview

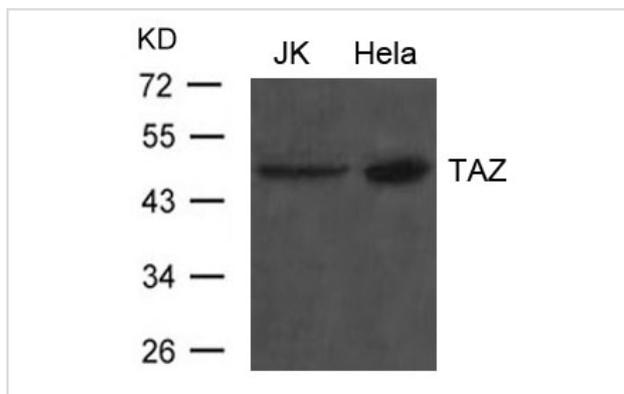
Product Name	TAZ Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	TAZ
Alternative Names	WWTR1

## Application Details

Predicted MW: 49kd

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extract from JK and HeLa cells using TAZ Antibody #21634

## Descriptions

Immunogen	Peptide sequence around aa.386~390 (V-E-S-A-L) derived from Human TAZ.
Specificity	The antibody detects endogenous level of total TAZ protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: Q9GZV5NCBI Protein: NP_001161750.1

## Related Information

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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 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)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.