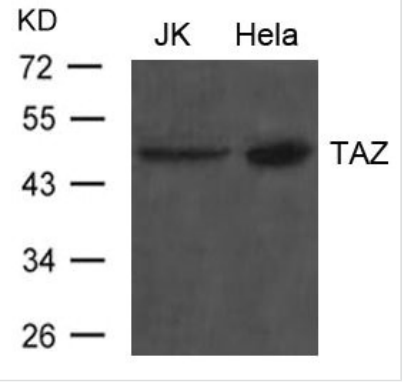
WWTR1 Antibody

Product Code	CSB-PA563551
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9GZV5
Immunogen	Peptide sequence around aa.386~390 (V-E-S-A-L) derived from Human TAZ.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TAZ protein.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	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)
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	WWTR1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	WWTR1
Image	



Western blot analysis of extract from JK and Hela cells using TAZ Antibody