



# WWTR1 Polyclonal Antibody

<b>Catalog No</b>	BYab-06569
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;IHC
<b>Gene Name</b>	WWTR1 TAZ
<b>Protein Name</b>	WW domain-containing transcription regulator protein 1 (Transcriptional coactivator with PDZ-binding motif)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	WWTR1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	44kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm . Cell membrane . Concentrates along specific portions of the plasma membrane, and accumulates in punctate nuclear bodies (By similarity). When phosphorylated, is retained in the cytoplasm by YWHAZ (By similarity). Can be retained in the nucleus by MED15 (PubMed:18568018). Localized in the cytoplasm in areas of epithelial cell high density (PubMed:21145499). At blastocyst stage expressed in the nucleus in trophectodermal cells, however expressed in the cytoplasm in the inner cell mass (By similarity). .
<b>Tissue Specificity</b>	Highly expressed in kidney, heart, placenta and lung. Expressed in the thyroid tissue.
<b>Function</b>	domain:Binds to transcription factors via its WW domain.,domain:The PDZ-binding motif is essential for stimulated gene transcription. It localizes the protein into both punctate nuclear foci and plasma membrane-associated complexes.,function:Functions as a transcriptional coactivator.,PTM:Phosphorylated. Phosphorylation results in the inhibition of

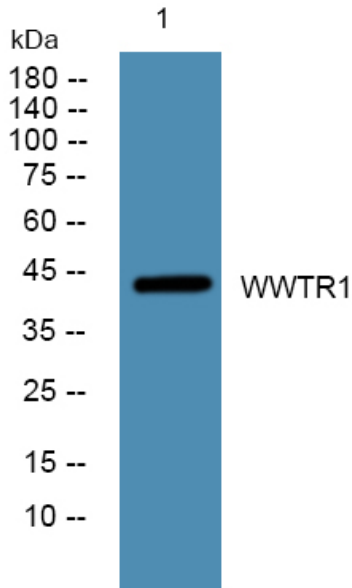
**Nanjing BYabscience technology Co.,Ltd**



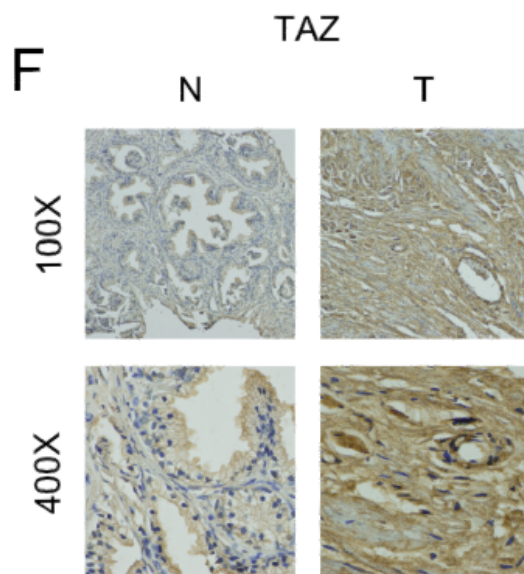
	transcriptional coactivation through YWHAZ-mediated nuclear export.,similarity:Contains 1 WW domain.,subcellular location:Concentrates along specific portions of the plasma membrane, and accumulates in punctate nuclear bodies. When phosphorylated, is retained in cytoplasm by YWHAZ.,subunit:Binds to SLC9A3R2 via the PDZ motif at the plasma membrane. Binds to YWHAZ in vivo and in vitro through the phosphoserine-binding motif RSHSSP.,tissue specificity:Highly expressed in kidney, heart, placenta and lung.,
Background	domain:Binds to transcription factors via its WW domain.,domain:The PDZ-binding motif is essential for stimulated gene transcription. It localizes the protein into both punctate nuclear foci and plasma membrane-associated complexes.,function:Functions as a transcriptional coactivator.,PTM:Phosphorylated. Phosphorylation results in the inhibition of transcriptional coactivation through YWHAZ-mediated nuclear export.,similarity:Contains 1 WW domain.,subcellular location:Concentrates along specific portions of the plasma membrane, and accumulates in punctate nuclear bodies. When phosphorylated, is retained in cytoplasm by YWHAZ.,subunit:Binds to SLC9A3R2 via the PDZ motif at the plasma membrane. Binds to YWHAZ in vivo and in vitro through the phosphoserine-binding motif RSHSSP.,tissue specificity:Highly expressed in kidney, heart, placenta and lung.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night



A Liquid-Liquid Phase Separation-Related Index Associate with Biochemical Recurrence and Tumor Immune Environment of Prostate Cancer Patients INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Qi You, Jia-Yin Chen, Xiao-Hui Wu, Yu-Ting Xue, Jiang-Bo Sun, Yong Wei, Qing-Shui Zheng, Xue-Yi Xue, Dong-Ning Chen, Ning Xu IHC Human benign prostatic hyperplasia (BPH) tissue prostate cancer (PCa) cell