

TAZ Antibody HRP Conjugated

Catalog No: #C01945H

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Description

Product Name	TAZ Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 15-70 400 derived from human TAZ
Conjugates	HRP
Target Name	TAZ
Other Names	TAZ; WW domain-containing transcription regulator protein 1; Transcriptional coactivator with PDZ-binding motif; WWTR1
Accession No.	Swiss-Prot#Q9GZV5NCBI Gene ID25937
Uniprot	Q9GZV5
GeneID	25937;
Excitation Emission	N A
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

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.

Note: This product is for in vitro research use only