

Recombinant Human WWTR1

Catalog No: #GP12821



Package Size: #GP12821-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human WWTR1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 201-400 amino acids of human WWTR1
Target Name	WW domain containing transcription regulator 1
Other Names	TAZ
Accession No.	Swissprot:Q9GZV5Gene Accession:BC014052
Uniprot	Q9GZV5
GeneID	25937;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only