Immunotag™ WWTR1 Antibody

Antibody Specification

Catalog No.	ITA3405
Product Description	Immunotag™ WWTR1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	WWTR1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	WWTR1 antibody detects endogenous levels of total WWTR1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Gene Name	WWTR1
Accession No.	Q9GZV5
Alternate Names	DKFZP586I1419; FLJ27004; FLJ45718; OTTHUMP00000215994; OTTHUMP00000215995; OTTHUMP00000215996; OTTHUMP00000216001; TAZ; Transcriptional co activator with PDZ binding motif; Transcriptional coactivator with PDZ binding motif; Transcriptional coactivator with PDZ-binding motif; WW domain containing transcription regulator 1; WW domain containing transcription regulator protein 1; WW domain-containing transcription regulator protein 1; WWTR 1; WWTR1; WWTR1_HUMAN;

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	44 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.