

Mouse WWTR1 Monoclonal Antibody | anti-WWTR1 antibody

WWTR1 antibody

CATALOG # AAA107525	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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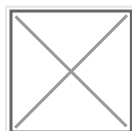
PRODUCT SYNONYMS

WWTR1; Monoclonal Antibody; WWTR1 antibody; Monoclonal WWTR1; Anti-WWTR1; WW domain containing transcription regulator 1; TAZ; DKFZp586I1419; Transcriptional coactivator with PDZ-binding motif; FLJ45718; WW domain-containing transcription regulator protein 1; WWTR 1; WWTR-1; anti-WWTR1 antibody

PRODUCT SPECIFICATIONS

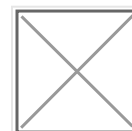
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B5
Purity/Purification	WWTR1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-WWTR1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	WWTR1 is a 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 activates YAP1 oncoprotein and WWTR1/TAZ. WWTR1 enhances PAX8 and NKX2-1/TTF1-dependent gene activation.
Cross-Reactivity	Human
Immunogen	WWTR1 antibody was raised in mouse using a full length recombinant protein of human WWTR1 (NP_056287) produced in HEK293 cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant WWTR1 protein using WWTR1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant WWTR1 protein (Right) or empty vector (Left) detected with WWTR1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-WWTR1 antibody	Mouse monoclonal WWTR1 antibody
Product Categories/Family for anti-WWTR1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	13346498
NCBI GeneID	25937
NCBI Accession #	NP_056287
NCBI GenBank Nucleotide #	NM_015472.4
UniProt Accession #	Q9GZV5; Q8N3P2; Q9Y3W6; D3DNH7
Molecular Weight	44,101 Da
NCBI Official Full Name	WW domain-containing transcription regulator protein 1
NCBI Official Synonym Full Names	WW domain containing transcription regulator 1
NCBI Official Symbol	WWTR1
NCBI Official Synonym Symbols	TAZ
NCBI Protein Information	WW domain-containing transcription regulator protein 1
UniProt Protein Name	WW domain-containing transcription regulator protein 1
UniProt Gene Name	WWTR1
UniProt Synonym Gene Names	TAZ
UniProt Entry Name	WWTR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/wwtr1-antibody-clone-1b5-western-blot-immunofluorescence-flow-cytometry-elisa/107525>