

For Research Use Only

WWTR1/TAZ Recombinant monoclonal antibody

Catalog Number: 85245-5-RR



Basic Information

Catalog Number: 85245-5-RR	GenBank Accession Number: NM_001168278.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 25937	CloneNo.: 252185D12
Source: Rabbit	UNIPROT ID: Q9GZV5	Recommended Dilutions: WB: 1:1000-1:6000 IF/ICC: 1:400-1:1600
Isotype: IgG	Full Name: WW domain containing transcription regulator 1	
Immunogen Catalog Number: EG6470	Calculated MW: 44 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HeLa cells IF/ICC : HeLa cells,

Background Information

TAZ, also referred as WWTR1, is a transcriptional co-activator with a PDZ-binding motif that is regulated by its interaction with 14-3-3 protein. TAZ is expressed in many primary tumors, such as breast cancer, thyroid carcinoma, colorectal cancer, and glioma (PMID: 22003437, PMID: 27764783). TAZ has been reported to be one of the nuclear effectors of Hippo-related pathways that regulate organ size control, cancer stem cell (CSC) properties, and epithelial-mesenchymal transition (EMT). TAZ has been defined for its role in the nucleus, where it functions directly as a transcriptional regulator by interacting with several nuclear factors as Runx2/Cbfa1, NHERF-2, TEF-1, TBX5, PAX3, PAX8 and TTF-1.

Storage

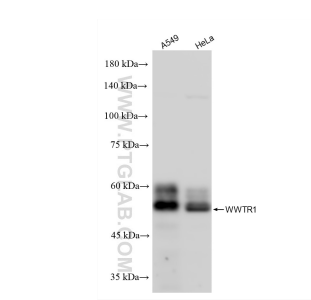
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

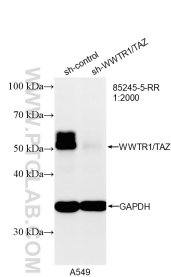
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

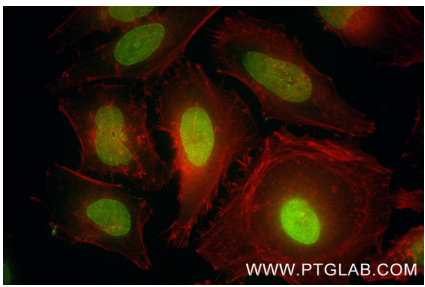
Selected Validation Data



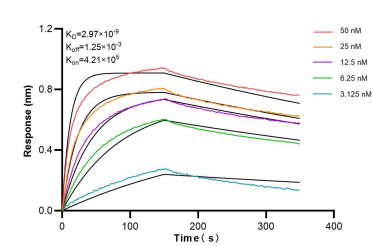
Various lysates were subjected to SDS PAGE followed by western blot with 85245-5-RR (WWTR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of WWTR1/TAZ antibody (85245-5-RR; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-WWTR1/TAZ transfected A549 cells.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using WWTR1/TAZ antibody (85245-5-RR, Clone: 252185D12) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 85245-5-RR against Human WWTR1/TAZ were performed. The affinity constant is 2.97 nM.