

For Research Use Only

WWTR1 Monoclonal antibody, PBS Only



Catalog Number: 66500-1-PBS

Featured Product

Basic Information

Catalog Number:

66500-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG13330

GenBank Accession Number:

BC014052

GeneID (NCBI):

25937

UNIPROT ID:

Q9GZV5

Full Name:

WW domain containing transcription regulator 1

Calculated MW:

44 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

2A12A10

Applications

Tested Applications:

Indirect ELISA, IF-P, IHC, WB

Species Specificity:

rat, mouse, human

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. 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 -80°C.

Storage Buffer:

PBS Only

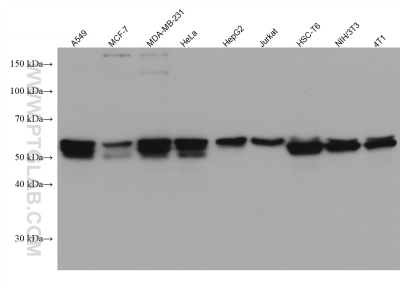
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

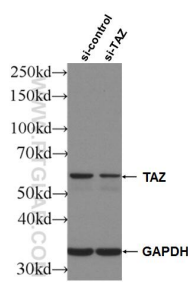
E: proteintech@ptglab.com
W: ptglab.com

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

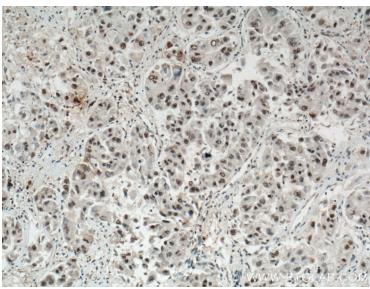
Selected Validation Data



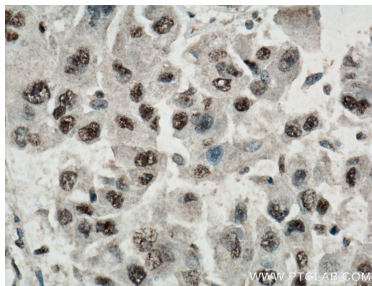
Various lysates were subjected to SDS PAGE followed by western blot with 66500-1-Ig (TAZ antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66500-1-PBS in a different storage buffer formulation.



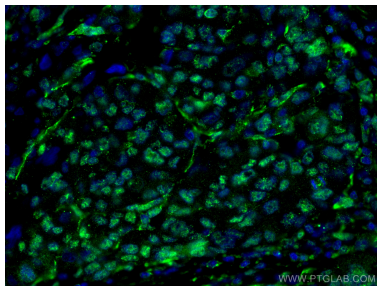
WB result of TAZ antibody (66500-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TAZ transfected HepG2 cells. This data was developed using the same antibody clone with 66500-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66500-1-Ig (TAZ antibody) at dilution of 1:600 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66500-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66500-1-Ig (TAZ antibody) at dilution of 1:600 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66500-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using TAZ antibody (66500-1-Ig, Clone: 2A12A10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66500-1-PBS in a different storage buffer formulation.