

For Research Use Only

WDFY2 Polyclonal antibody, PBS Only

Catalog Number:17197-1-PBS



Basic Information

Catalog Number:

17197-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10415

GenBank Accession Number:

BC014004

GeneID (NCBI):

115825

UNIPROT ID:

Q96P53

Full Name:

WD repeat and FYVE domain containing 2

Calculated MW:

400 aa, 45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

WDFY2, also named Prof, is a protein that contains WD repeats and an FYVE domain. WDFY2 regulates the membrane-bound matrix metalloproteinase MT1-MMP (MMP14) efflux by controlling endosome sorting. WDFY2 may act as a tumor suppressor by limiting VAMP3-dependent recycling to inhibit matrix metalloproteinase secretion and cell invasion (PMID: 31253801). WDFY2 in the cell nucleus directly participates in homologous recombination-mediated DNA repair (PMID: 41196680).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

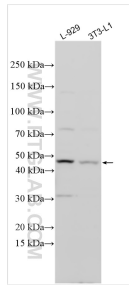
For technical support and original validation data for this product please contact:

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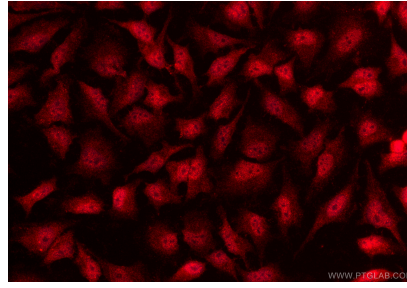
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17197-1-AP (WDFY2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17197-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using WDFY2 antibody (17197-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). This data was developed using the same antibody clone with 17197-1-PBS in a different storage buffer formulation.