

For Research Use Only

# RFWD3 Polyclonal antibody, PBS Only

Catalog Number:19893-1-PBS

Featured Product



## Basic Information

Catalog Number:

19893-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13728

GenBank Accession Number:

BC002574

GeneID (NCBI):

55159

UNIPROT ID:

Q6PCD5

Full Name:

ring finger and WD repeat domain 3

Calculated MW:

774 aa, 85 kDa

Observed MW:

85 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

RFWD3, also named as RNF201, is a E3 ubiquitin-protein ligase that mediates the ubiquitination of p53/TP53 in the late response to DNA damage, and acts as a positive regulator of p53/TP53 stability, thereby regulating the G1/S DNA damage checkpoint. RFWD3 may act by catalyzing the formation of short polyubiquitin chains on p53/TP53 that are not targeted to the proteasome. In response to ionizing radiation, It interacts with MDM2 and enhances p53/TP53 ubiquitination, possibly by restricting MDM2 from extending polyubiquitin chains on ubiquitinated p53/TP53.(PMID: 20173098 ) From BLAST result, this antibody is specific to RFWD3. 45kd and 55kd maybe spliceosome of RFWD3.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

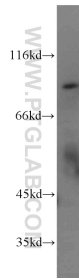
T: 4006900926

E: Proteintech-CN@ptglab.com

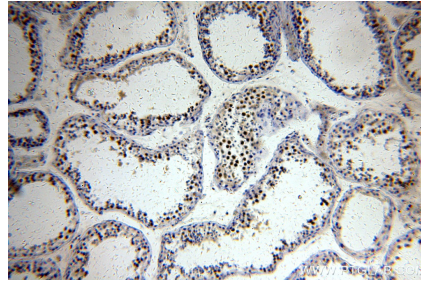
W: ptgcn.com

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

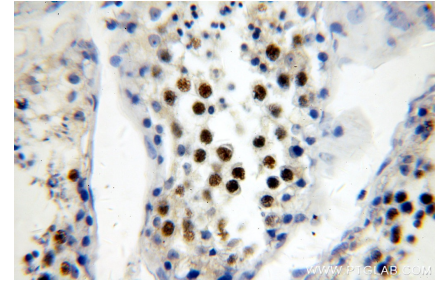
## Selected Validation Data



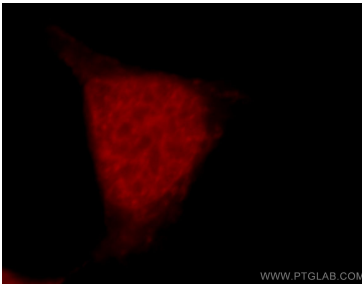
mouse lung tissue were subjected to SDS PAGE followed by western blot with 19893-1-AP (RFWD3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19893-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 19893-1-AP (RFWD3 antibody) at dilution of 1:400 (under 10x lens). This data was developed using the same antibody clone with 19893-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis using 19893-1-AP (RFWD3 antibody) at dilution of 1:400 (under 40x lens). This data was developed using the same antibody clone with 19893-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of 293 cells, using RFWD3 antibody 19893-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). This data was developed using the same antibody clone with 19893-1-PBS in a different storage buffer formulation.