

For Research Use Only

# WDR32 Polyclonal antibody

Catalog Number: 20483-1-AP



## Basic Information

### Catalog Number:

20483-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG14360

### GenBank Accession Number:

BC003520

### GeneID (NCBI):

79269

### UNIPROT ID:

Q5QP82

### Full Name:

WD repeat domain 32

### Calculated MW:

559 aa, 61 kDa

### Observed MW:

61 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: HeLa cells, HepG2 cells

IP: HepG2 cells,

IHC: human testis tissue, human kidney tissue

IF/ICC: HepG2 cells,

## Background Information

WDR32, containing seven WD repeats, is also termed DDB1- and CUL4-associated factor 10 (DCAF10), which may function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex (PMID: 16949367). WDR32 is able to interact with DDB1 (PMID: 16949367). WDR32 is supposed to be implicated in process of ubiquitin-dependent protein degradation system. Two isoforms are described and produced by alternative splicing. Proteintech's WDR32 antibody 20483-1-AP majorly detects WDR32 isoform1 with a theoretical MW of 61 kDa.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

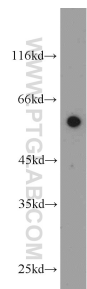
For technical support and original validation data for this product please contact:

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

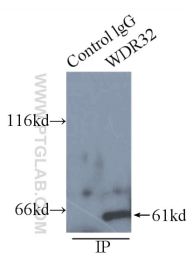
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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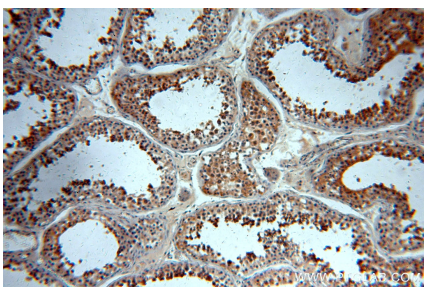
Selected Validation Data



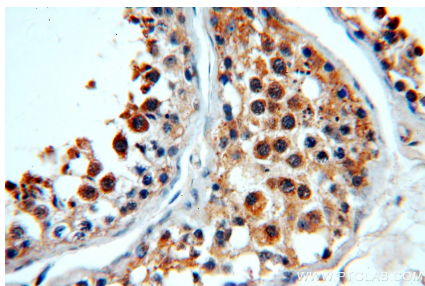
HeLa cells were subjected to SDS PAGE followed by western blot with 20483-1-AP (WDR32 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



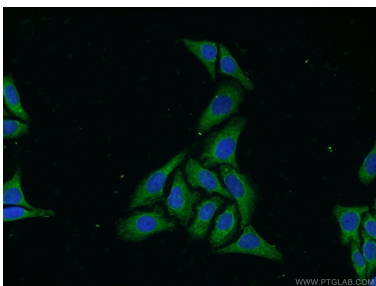
IP result of anti-WDR32 (IP:20483-1-AP, 4ug; Detection:20483-1-AP 1:300) with HepG2 cells lysate 6000ug.



Immunohistochemical analysis of paraffin-embedded human testis using 20483-1-AP (WDR32 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 20483-1-AP (WDR32 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 20483-1-AP (WDR32 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).