

For Research Use Only

# WDR33 Polyclonal antibody, PBS Only

Catalog Number: 22614-1-PBS



## Basic Information

Catalog Number:

22614-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18382

GenBank Accession Number:

BC010283

GeneID (NCBI):

55339

UNIPROT ID:

Q9C0J8

Full Name:

WD repeat domain 33

Calculated MW:

1336 aa, 146 kDa

Observed MW:

170 kDa

Purification Method:

Antigen Affinity purified

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

## Background Information

WD repeat domain 33 (WDR33), also named WDC146, is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. This antibody recognizes the full length WDR33 protein.

## 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:

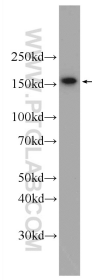
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

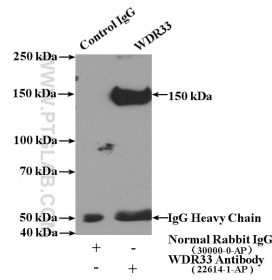
W: [ptgcn.com](http://ptgcn.com)

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

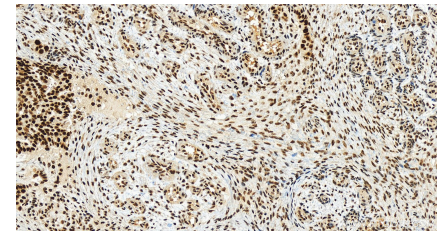
## Selected Validation Data



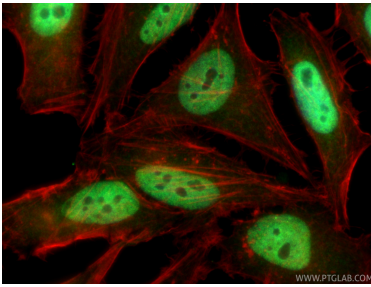
HepG2 cells were subjected to SDS PAGE followed by western blot with 22614-1-AP (WDR33 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22614-1-PBS in a different storage buffer formulation.



IP result of anti-WDR33 (IP:22614-1-AP, 4ug; Detection:22614-1-AP 1:1000) with HeLa cells lysate 3200ug. This data was developed using the same antibody clone with 22614-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer slide using 22614-1-AP (WDR33 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22614-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using WDR33 antibody (22614-1-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 22614-1-PBS in a different storage buffer formulation.