

For Research Use Only

WDR33 Polyclonal antibody

Catalog Number: 22614-1-AP

1 Publications



Basic Information

Catalog Number:

22614-1-AP

Size:

1300 µg/ml

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

Recommended Dilutions:

WB 1:500-1:2000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HepG2 cells, HeLa cells

IP : HeLa cells,

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-asn (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-asn (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.

Notable Publications

Author	Pubmed ID	Journal	Application
Qixuan Lu	39190270	Front Med	WB

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

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

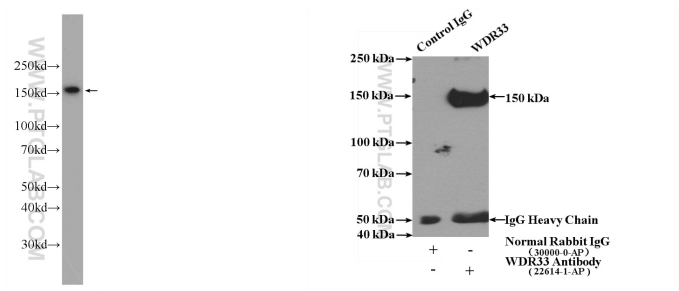
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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.

IP result of anti-WDR33 (IP:22614-1-AP, 4ug; Detection:22614-1-AP 1:1000) with HeLa cells lysate 3200ug.