For Research Use Only

WDR33 Polyclonal antibody

Catalog Number:22614-1-AP

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Basic Information

Catalog Number:
22614-1-AP

Size:
150ul , Concentration: 1300 ug/ml by Nanodrop and 513 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:
WB, IP, ELISA

Species Specificity:
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-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

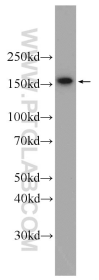
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

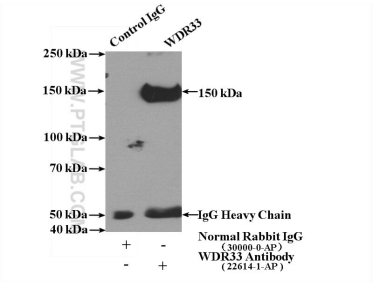
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.



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