

For Research Use Only

WDR77 Polyclonal antibody

Catalog Number: 10115-1-AP

1 Publications



Basic Information

Catalog Number:

10115-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0147

GenBank Accession Number:

BC001679

GeneID (NCBI):

79084

UNIPROT ID:

Q9BQA1

Full Name:

WD repeat domain 77

Calculated MW:

50 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

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 : HEK-293 cells, Jurkat cells

IHC : human stomach tissue,

Background Information

WDR77, other named p44, MEP-50, is a component of the 20S PRMT5-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins. Normally, WDR77 locates in the nucleus, such as in prostate epithelial cells. However, it localized to the cytoplasm in prostatic intraepithelial neoplasia and prostate cancer cells. Nuclear WDR77 mediates the growth inhibition and differentiation. WDR may involve in the biogenesis of small nuclear ribonucleoprotein particles.

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Sun	37905571	EMBO J	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:

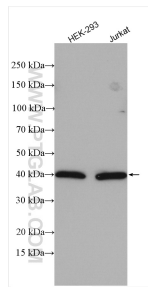
T: 4006900926

E: Proteintech-CN@ptglab.com

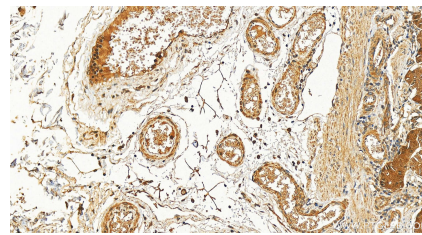
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10115-1-AP (WDR77 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 10115-1-AP (WDR77 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).