

For Research Use Only

WDR77 Polyclonal antibody

Catalog Number: 10115-1-AP

1 Publications



Basic Information

Catalog Number: 10115-1-AP	GenBank Accession Number: BC001679	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 79084	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BQA1	
Isotype: IgG	Full Name: WD repeat domain 77	
Immunogen Catalog Number: AG0147	Calculated MW: 50 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : HEK-293 cells, Jurkat cells IHC : human stomach tissue,
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	

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

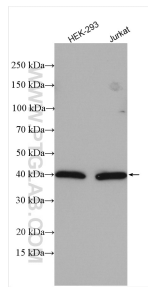
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

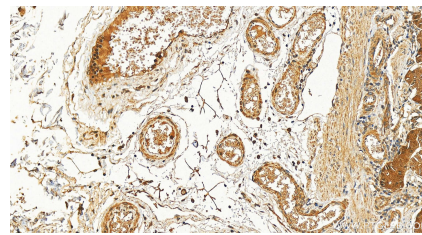
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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).