

For Research Use Only

GRWD1 Polyclonal antibody

Catalog Number: 10354-1-AP

1 Publications



Basic Information

Catalog Number: 10354-1-AP	GenBank Accession Number: BC002440	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 83743	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9BQ67	
Isotype: IgG	Full Name: glutamate-rich WD repeat containing 1	
Immunogen Catalog Number: AG0367	Calculated MW: 49 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications: WB, IP, IHC, ELISA	Positive Controls: WB : HEK-293 cells, PC-3 cells, SKOV-3 cells IP : PC-3 cells, IHC : human prostate cancer tissue,
Cited Applications: WB, IHC	
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

WD-repeat proteins are a class of functionally divergent molecules that cooperate with other proteins to regulate cellular processes. WD-repeat proteins have been implicated in a variety of cellular functions that are mostly regulatory in nature, including cytoskeleton organization, vesicular fusion, pre-mRNA splicing, and cell cycle regulation. WD-repeat-containing protein designated glutamate-rich WD repeat (GRWD1) is a component of the 50S and 80S preribosomal complexes and plays a role in ribosome biogenesis and during myeloid differentiation its levels are regulated. [PMID:15885502]

Notable Publications

Author	Pubmed ID	Journal	Application
Qiongzi Wang	31891681	Exp Cell Res	WB,IHC

Storage

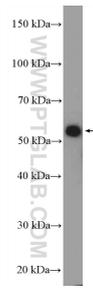
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

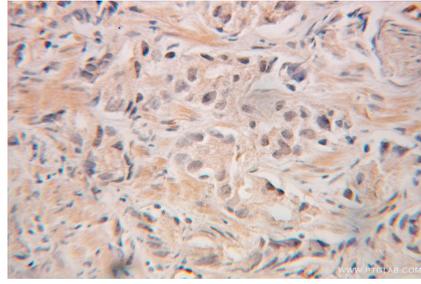
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

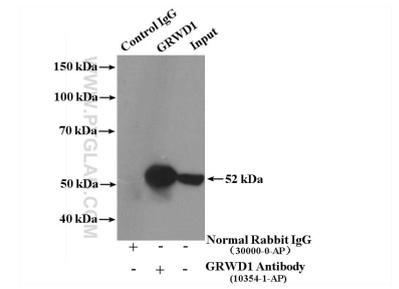
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10354-1-AP (GRWD1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10354-1-AP (GRWD1 antibody) at dilution of 1:100 (under 25x lens).



IP result of anti-GRWD1 (IP:10354-1-AP, 4ug; Detection:10354-1-AP 1:1000) with PC-3 cells lysate 4000ug.