

For Research Use Only

# GRWD1 Polyclonal antibody

Catalog Number: 10354-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 10354-1-AP	<b>GenBank Accession Number:</b> BC002440	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 83743	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> glutamate-rich WD repeat containing 1	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 49 kDa	
<b>Immunogen Catalog Number:</b> AG0367	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, PC-3 cells, SKOV-3 cells
<b>Cited Applications:</b> IHC, WB	<b>IP :</b> PC-3 cells,
<b>Species Specificity:</b> human	<b>IHC :</b> human prostate cancer tissue,
<b>Cited Species:</b> 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

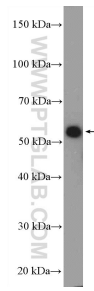
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

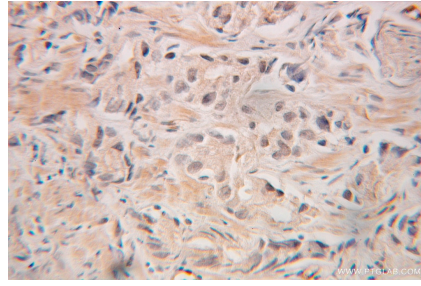
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

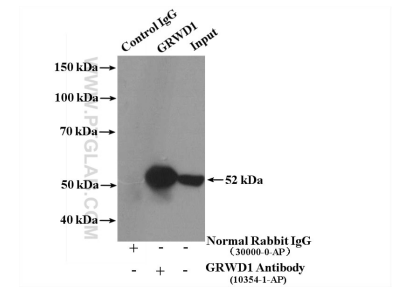
## Selected Validation Data



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.