

For Research Use Only

GRWD1 Recombinant antibody, PBS Only

Catalog Number:[86451-3-PBS](#)



Basic Information

Catalog Number:	86451-3-PBS	GenBank Accession Number:	BC002440	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GeneID (NCBI):	83743	CloneNo.:	251273F6
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:	49-63 kDa		

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

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)

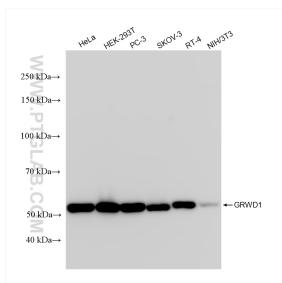
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

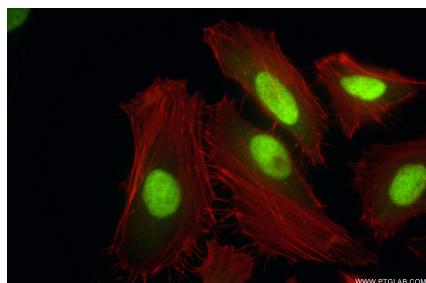
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

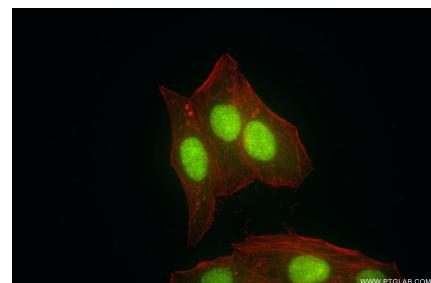
Selected Validation Data



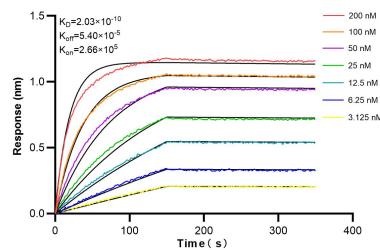
Various lysates were subjected to SDS PAGE followed by western blot with 86451-3-RR (GRWD1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86451-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GRWD1 antibody (86451-3-RR, Clone: 251273F6) at dilution of 1:1000 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86451-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using GRWD1 antibody (86451-3-RR, Clone: 251273F6) at dilution of 1:1000 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86451-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86451-3-RR against Human GRWD1 were performed. The affinity constant is 0.203 nM.