

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
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	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

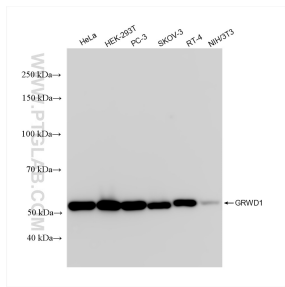
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

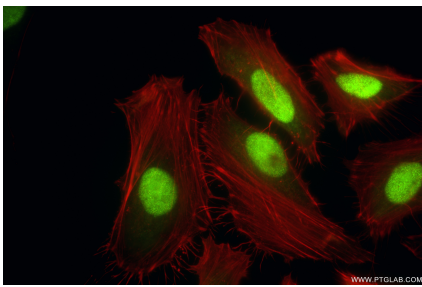
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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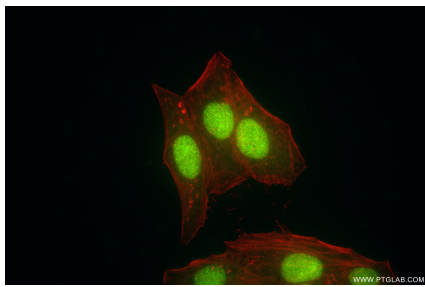
Selected Validation Data



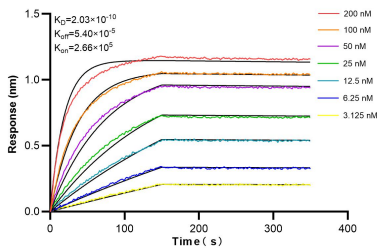
Various lysates were subjected to SDS PAGE followed by western blot with 86451-3-RR (GRWD1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86451-3-PBS in a different storage buffer formulation.



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.