

GRWD1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18456c**Specification**

GRWD1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9BQ67
Other Accession	NP_113673.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	49419
Antigen Region	183-209

GRWD1 Antibody (Center) - Additional Information**Gene ID** 83743**Other Names**

Glutamate-rich WD repeat-containing protein 1, GRWD1, GRWD, KIAA1942, WDR28

Target/Specificity

This GRWD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 183-209 amino acids from the Central region of human GRWD1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GRWD1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GRWD1 Antibody (Center) - Protein Information**Name** GRWD1**Synonyms** GRWD, KIAA1942, WDR28

Function Histone binding-protein that regulates chromatin dynamics and minichromosome maintenance (MCM) loading at replication origins, possibly by promoting chromatin openness (PubMed:[25990725](#)).

Cellular Location

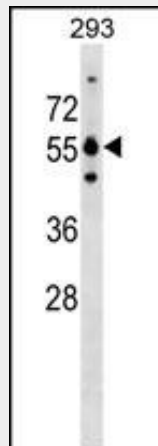
Nucleus, nucleolus. Nucleus. Chromosome. Note=Present in the nucleus throughout interphase and is detached from chromatin at the onset of mitosis and rebinds at telophase when the pre-replication complexes (pre-RC) is formed (PubMed:25990725).

GRWD1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GRWD1 Antibody (Center) - Images



GRWD1 Antibody (Center) (Cat. #AP18456c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the GRWD1 Antibody detected the GRWD1 protein (arrow).

GRWD1 Antibody (Center) - Background

GRWD1 is a component of the 50S and 80S preribosomal complexes and plays a role in ribosome biogenesis (Gratenstein et al., 2005 [PubMed 15885502]).

GRWD1 Antibody (Center) - References

Higa, L.A., et al. Nat. Cell Biol. 8(11):1277-1283(2006)
Gratenstein, K., et al. Genomics 85(6):762-773(2005)
Trzcinska, A.M., et al. Mol. Biol. Rep. 29(4):347-352(2002)