

**GRWD1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18456c****Specification**

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**GRWD1 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9BQ67](#)**GRWD1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 83743**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GRWD1 Antibody (Center) Blocking Peptide - 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:&lt;a href="http://www.uniprot.org/citations/25990725" target="\_blank"&gt;25990725&lt;/a&gt;).

**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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**GRWD1 Antibody (Center) Blocking Peptide - Images****GRWD1 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)