

**WDR12 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13076c****Specification**

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**WDR12 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q9GZL7](#)**WDR12 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 55759**Other Names**

Ribosome biogenesis protein WDR12 {ECO:0000255|HAMAP-Rule:MF\_03029}, WD repeat-containing protein 12 {ECO:0000255|HAMAP-Rule:MF\_03029}, WDR12 {ECO:0000255|HAMAP-Rule:MF\_03029}

**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.

**WDR12 Antibody (Center) Blocking peptide - Protein Information****Name** WDR12 {ECO:0000255|HAMAP-Rule:MF\_03029}**Function**

Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.

**Cellular Location**

Nucleus, nucleolus {ECO:0000255|HAMAP-Rule:MF\_03029, ECO:0000269|PubMed:12429849, ECO:0000269|PubMed:16043514, ECO:0000269|PubMed:26601951}. Nucleus, nucleoplasm {ECO:0000255|HAMAP-Rule:MF\_03029, ECO:0000269|PubMed:16043514}

**WDR12 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**WDR12 Antibody (Center) Blocking peptide - Images**

**WDR12 Antibody (Center) Blocking peptide - Background**

This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein is highly similar to the mouse WD repeat domain 12 protein at the amino acid level. The protein encoded by this gene is a component of a nucleolar protein complex that affects maturation of the large ribosomal subunit.

**WDR12 Antibody (Center) Blocking peptide - References**

Kathiresan, S., et al. Nat. Genet. 41(3):334-341(2009) Rohrmoser, M., et al. Mol. Cell. Biol. 27(10):3682-3694(2007) Higa, L.A., et al. Nat. Cell Biol. 8(11):1277-1283(2006) Grimm, T., et al. Nucleic Acids Res. 34(10):3030-3043(2006) Holzner, M., et al. J. Cell Biol. 170(3):367-378(2005)