

WDR12 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9066c**Specification**

WDR12 Antibody (Center) Blocking Peptide - Product InformationPrimary 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}

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9066c](/products/AP9066c) was selected from the Center region of human WDR12. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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

WDR12 encodes a member of the WD repeat protein family. WD repeats are inimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asg (GH-WD), which may facilitate formation of eterotrimeric 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)