

WDR12 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP13076c

Specification

WDR12 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q9GZL7](#)
Clone Names **100324263**
Peptide ID **100324263**

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

Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.

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

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-aspartic acid (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)

WDR12 Antibody (Center) Blocking peptide - 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](#)