

WDR18 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5355b**Specification**

WDR18 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O9BV38](#)
Other Accession [NP_077005.2](#)

WDR18 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 57418

Other Names

WD repeat-containing protein 18, WDR18

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.

WDR18 Antibody (C-term) Blocking peptide - Protein Information

Name WDR18

Function

Functions as a component of the Five Friends of Methylated CHTOP (5FMC) complex; the 5FMC complex is recruited to ZNF148 by methylated CHTOP, leading to desumoylation of ZNF148 and subsequent transactivation of ZNF148 target genes (PubMed:22872859). Component of the PELP1 complex involved in the nucleolar steps of 28S rRNA maturation and the subsequent nucleoplasmic transit of the pre-60S ribosomal subunit (PubMed:21326211). May play a role during development (By similarity).

Cellular Location

Nucleus, nucleolus. Nucleus, nucleoplasm {ECO:0000250|UniProtKB:Q4VBE8}. Cytoplasm {ECO:0000250|UniProtKB:Q4VBE8}. Dynein axonemal particle {ECO:0000250|UniProtKB:A0A1L8HX76}. Note=Mainly found in the nucleoplasm, with low levels detected in the cytoplasmic and chromatin fractions. {ECO:0000250|UniProtKB:Q4VBE8}

WDR18 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

WDR18 Antibody (C-term) Blocking peptide - Images

WDR18 Antibody (C-term) Blocking peptide - Background

WDR18 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.

WDR18 Antibody (C-term) Blocking peptide - References

Rikova, K., et al. Cell 131(6):1190-1203(2007) Andersen, J.S., et al. Nature 433(7021):77-83(2005) Grimwood, J., et al. Nature 428(6982):529-535(2004)