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WDR46 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9418a

Specification

WDR46 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O15213

WDR46 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9277

Other Names
WD repeat-containing protein 46, WD repeat-containing protein BING4, WDR46, BING4, C6orf11

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.

WDR46 Antibody (N-term) Blocking Peptide - Protein Information

Name WDR46

Synonyms BING4, C6orf11

Function
Scaffold component of the nucleolar structure. Required for localization of DDX21 and NCL to the granular compartment of the nucleolus (PubMed:23848194). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797).

Cellular Location
Nucleus, nucleolus

WDR46 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

WDR46 Antibody (N-term) Blocking Peptide - Images

WDR46 Antibody (N-term) Blocking Peptide - Background

WDR46 contains 6 WD repeats.

WDR46 Antibody (N-term) Blocking Peptide - References

Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006)Andersen, J.S., et al. Curr. Biol. 12(1):1-11(2002)