

WDR43 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5488b**Specification**

WDR43 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O15061](#)
Other Accession [NP_055946.1](#)

WDR43 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 23160

Other Names

WD repeat-containing protein 43, WDR43, KIAA0007, UTP5

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.

WDR43 Antibody (C-term) Blocking peptide - Protein Information

Name WDR43 ([HGNC:28945](#))

Synonyms KIAA0007, UTP5

Function

Ribosome biogenesis factor that coordinates hyperactive transcription and ribogenesis (PubMed: [17699751](http://www.uniprot.org/citations/17699751)). 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. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I (PubMed: [17699751](http://www.uniprot.org/citations/17699751), PubMed: [34516797](http://www.uniprot.org/citations/34516797)). Essential for stem cell pluripotency and embryonic development. In the nucleoplasm, recruited by promoter-associated/nascent transcripts and transcription to active promoters where it facilitates releases of elongation factor P-TEFb and paused RNA polymerase II to allow transcription elongation and maintain high-level expression of its targets genes (By similarity).

Cellular Location

Nucleus, nucleolus. Nucleus, nucleolus fibrillar center. Nucleus, nucleoplasm
{ECO:0000250|UniProtKB:Q6ZQL4}

WDR43 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

WDR43 Antibody (C-term) Blocking peptide - Images