WDSOF1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10838b

Specification

WDSOF1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession   Q9NV06

WDSOF1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 25879

Other Names
DDB1- and CUL4-associated factor 13, WD repeat and SOF domain-containing protein 1, DCAF13, WDSOF1

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.

WDSOF1 Antibody (C-term) Blocking peptide - Protein Information

Name DCAF13 (HGNC:24535)

Synonyms WDSOF1

Function
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). Participates in the 18S rRNA processing in growing oocytes, being essential for oocyte nonsurrounded nucleolus (NSN) to surrounded nucleolus (SN) transition (PubMed:30283081).

Cellular Location
Nucleus, nucleolus. Note=In the nucleolus, localizes predominantly in the granular component, but also detected in the fibrillar center and dense fibrillar component

Tissue Location

Expressed in the endometrium during decidualization. Expression is down-regulated in preeclampsia decidual tissues.

WDSOF1 Antibody (C-term) Blocking peptide - Protocols

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

 • [Blocking Peptides](#)

WDSOF1 Antibody (C-term) Blocking peptide - Images

WDSOF1 Antibody (C-term) Blocking peptide - Background

 Possible role in ribosomal RNA processing (By similarity). May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex.

WDSOF1 Antibody (C-term) Blocking peptide - References

 Urano, T., et al. Bone 47(3):636-642(2010)Jin, J., et al. Mol. Cell 23(5):709-721(2006)Andersen, J.S., et al. Curr. Biol. 12(1):1-11(2002)