

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

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**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:<a href="http://www.uniprot.org/citations/34516797" target="\_blank">34516797</a>). Participates in the 18S rRNA processing in growing oocytes, being essential for oocyte nonsurrounded nucleolus (NSN) to surrounded nucleolus (SN) transition (PubMed:<a href="http://www.uniprot.org/citations/30283081" target="\_blank">30283081</a>).

**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)