

**WDSOF1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10838b****Specification**

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**WDSOF1 Antibody (C-term) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | IHC-P, WB,E                 |
| Primary Accession | <a href="#">Q9NV06</a>      |
| Other Accession   | <a href="#">NP_056235.3</a> |
| Reactivity        | Human, Mouse                |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit IgG                  |
| Calculated MW     | 51402                       |
| Antigen Region    | 369-398                     |

**WDSOF1 Antibody (C-term) - Additional Information****Gene ID** 25879**Other Names**

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

**Target/Specificity**

This WDSOF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 369-398 amino acids from the C-terminal region of human WDSOF1.

**Dilution**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

WDSOF1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**WDSOF1 Antibody (C-term) - 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

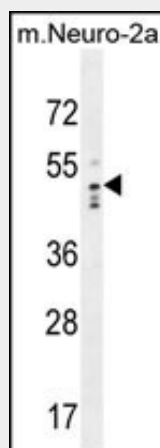
Expressed in the endometrium during decidualization. Expression is down-regulated in preeclampsia decidual tissues.

## WDSOF1 Antibody (C-term) - Protocols

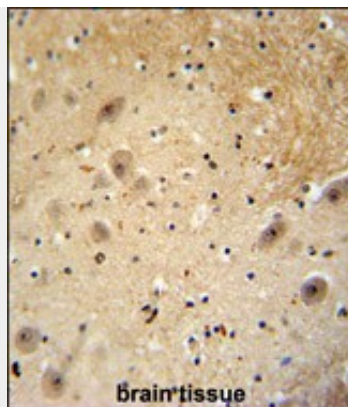
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## WDSOF1 Antibody (C-term) - Images



WDSOF1 Antibody (C-term) (Cat. #AP10838b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the WDSOF1 antibody detected the WDSOF1 protein (arrow).



WDSOF1 antibody (C-term) (Cat. #AP10838b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WDSOF1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **WDSOF1 Antibody (C-term) - 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) - 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)