

**WHIP / WRNIP1 Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2245a****Specification**

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**WHIP / WRNIP1 Antibody (C-Term) - Product Information**

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Application       | WB, IHC, E                                                                        |
| Primary Accession | <a href="#">Q96S55</a>                                                            |
| Other Accession   | <a href="#">NP_064520.2</a> , <a href="#">NP_569079.1</a> , <a href="#">56897</a> |
| Reactivity        | Human                                                                             |
| Predicted         | Mouse, Rat, Dog                                                                   |
| Host              | Goat                                                                              |
| Clonality         | Polyclonal                                                                        |
| Concentration     | 0.5 mg/ml                                                                         |
| Isotype           | IgG                                                                               |
| Calculated MW     | 72133                                                                             |

**WHIP / WRNIP1 Antibody (C-Term) - Additional Information****Gene ID** 56897**Other Names**

ATPase WRNIP1, 3.6.1.3, Werner helicase-interacting protein 1, WRNIP1 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=20876" target="\_blank">HGNC:20876</a>)

**Dilution**

WB~~1:1000  
IHC~~1:100~500  
E~~N/A

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

WHIP / WRNIP1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**WHIP / WRNIP1 Antibody (C-Term) - Protein Information****Name** WRNIP1 ([HGNC:20876](#))**Function**

Functions as a modulator of initiation or reinitiation events during DNA polymerase delta-mediated DNA synthesis. In the presence of ATP, stimulation of DNA polymerase delta-mediated DNA synthesis is decreased. Also plays a role in the innate immune defense against viruses. Stabilizes the RIGI dsRNA interaction and promotes RIGI 'Lys- 63'-linked polyubiquitination. In turn, RIGI transmits the signal through mitochondrial MAVS.

**Cellular Location**

Nucleus. Cytoplasm. Note=Colocalizes with WRN in granular structures in the nucleus.

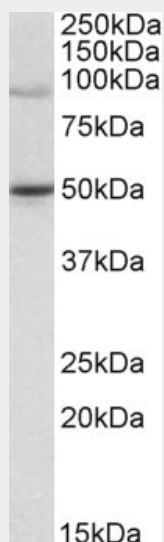
**Tissue Location**

Ubiquitously expressed.

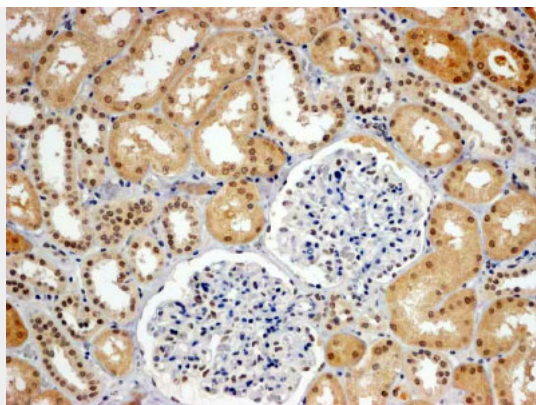
**WHIP / WRNIP1 Antibody (C-Term) - Protocols**

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](#)

**WHIP / WRNIP1 Antibody (C-Term) - Images**

AF2245a (1 µg/ml) staining of Jurkat lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF2245a (4 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

#### **WHIP / WRNIP1 Antibody (C-Term) - Background**

This antibody is expected to recognise isoform 1 (NP\_064520.2) and isoform 2 (NP\_569079.1).

#### **WHIP / WRNIP1 Antibody (C-Term) - References**

A novel protein interacts with the Werner's syndrome gene product physically and functionally. Kawabe Yi, Branzei D, Hayashi T, Suzuki H, Masuko T, Onoda F, Heo SJ, Ikeda H, Shimamoto A, Furuichi Y, Seki M, Enomoto T. J Biol Chem. 2001 Jun 8;276(23):20364-9. Epub 2001 Apr 11. PMID: 11301316