

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

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

Application	WB, IHC
Primary Accession	O96S55
Other Accession	NP_064520.2 , NP_569079.1 , 56897
Reactivity	Human
Predicted	Mouse, Rat, Dog, Cow
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 (HGNC:20876)

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.

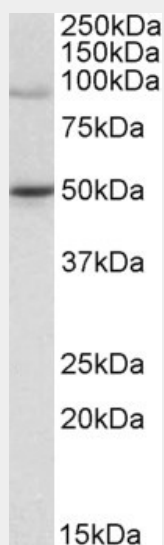
Tissue Location

Ubiquitously expressed.

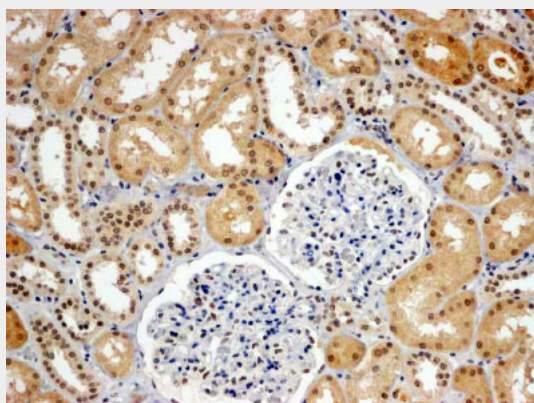
WHIP / WRNIP1 Antibody (C-Term) - Protocols

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 μ g/ml) staining of Jurkat lysate (35 μ g 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