

Rabbit anti-Human WRNIP1 Polyclonal Antibody | anti-WRNIP1 antibody

Rabbit anti-WRNIP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211455	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

WRNIP1; Polyclonal Antibody; Rabbit anti-WRNIP1 Antibody; Affinity Purified; putative helicase RUVBL; Werner helicase-interacting protein 1; bA420G6.2; ATPase WRNIP1; WHIP; Werner helicase interacting protein 1; anti-WRNIP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-WRNIP1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



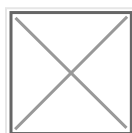
WB (Western Blot)

Detection of human and mouse WRNIP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-WRNIP1 antibody AAA211455 (lot AAA211455-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human WRNIP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-WRNIP1 antibody AAA211455 (lot AAA211455-2) used for IP at 6 ug/mg lysate. WRNIP1 was also immunoprecipitated by rabbit anti-WRNIP1 antibody BL5614. For blotting immunoprecipitated WRNIP1, AAA211455 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human WRNIP1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-WRNIP1 (Cat. No. AAA211455 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-WRNIP1 antibody	WRNIP1 (Werner helicase interacting protein 1) was identified as a protein that interacts with the N-terminal region of Werner protein (WRN). WRN is a RecQ DNA helicase important to DNA repair and is the causative gene of Werner syndrome (WS), an autosomal recessive disease characterized by premature aging. WRNIP1 has been shown to interact with DNA polymerase delta (pol delta) and play a role in pol delta-mediated DNA synthesis. Additionally, WRNIP1 has been shown to interact with polyubiquitin chains indicating a link between ubiquitination and the DNA repair pathway.
Product Categories/Family for anti-WRNIP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426902
NCBI GeneID	56897
NCBI Accession #	NP_064520.2
NCBI GenBank Nucleotide #	NM_020135.2
UniProt Accession #	Q96S55; Q53EP6; Q59ET8; Q5W0E2; Q5W0E4; Q8WV26; Q9H681; Q9NRJ6; B2RDB0
Molecular Weight	31,339 Da
NCBI Official Full Name	ATPase WRNIP1 isoform 1
NCBI Official Synonym Full Names	Werner helicase interacting protein 1
NCBI Official Symbol	WRNIP1
NCBI Official Synonym Symbols	WHIP; bA420G6.2
NCBI Protein Information	ATPase WRNIP1; putative helicase RUVBL; Werner helicase-interacting protein 1
UniProt Protein Name	ATPase WRNIP1
UniProt Gene Name	WRNIP1
UniProt Entry Name	WRIP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wrnip1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211455>