

Datasheet for ABIN2775244

anti-WRNIP1 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	WRNIP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WRNIP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human WRNIP1
Sequence:	PGAKRRRLSE SSALKQPATP TAAESSEGE EGDDGGETE SRESYDAPPT
Predicted Reactivity:	Cow: 79%, Dog: 100%, Human: 100%, Mouse: 100%, Pig: 79%, Rat: 100%, Yeast: 77%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against WRNIP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	WRNIP1
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Target Details

Alternative Name:	WRNIP1 (WRNIP1 Products)
Background:	<p>Werner's syndrome is a rare autosomal recessive disorder characterized by premature aging. The protein encoded by this gene interacts with the N-terminal portion of Werner protein containing the exonuclease domain. This protein shows homology to replication factor C family proteins, and is conserved from E. coli to human. Studies in yeast suggest that this gene may influence the aging process. Two transcript variants encoding different isoforms have been isolated for this gene.</p> <p>Werner's syndrome is a rare autosomal recessive disorder characterized by premature aging. The protein encoded by this gene interacts with the N-terminal portion of Werner protein containing the exonuclease domain. This protein shows homology to replication factor C family proteins, and is conserved from E. coli to human. Studies in yeast suggest that this gene may influence the aging process. Two transcript variants encoding different isoforms have been isolated for this gene.</p> <p>Alias Symbols: FLJ22526, RP11-420G6.2, WHIP, bA420G6.2</p> <p>Protein Interaction Partner: UBC, RNF31, PIN1, ELP2, ELP3, TRIM28, HDAC11, EPAS1, VCP, SRSF4, SMAD2, RAD18, NUP107, WRNIP1, FGFR10P, POLD1, ABL1, SUMO2, TOLLIP, DDX58, USP11, OSBPL10, USP25, POLD4, POLD2, WRN,</p> <p>Protein Size: 640</p>
Molecular Weight:	72 kDa
Gene ID:	56897
NCBI Accession:	NM_130395 , NP_569079
UniProt:	Q96S55

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 640 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

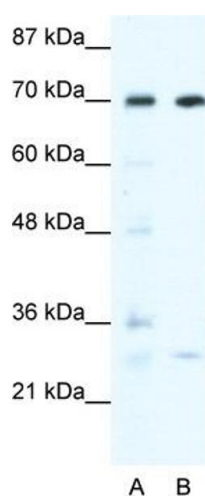
Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

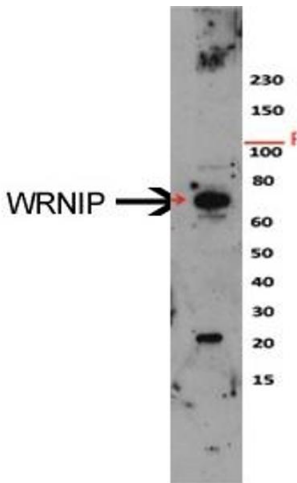
Product cited in:	Majumder, Cash, Fisk: "Non-Overlapping Distributions and Functions of the VDAC Family in Ciliogenesis." in: Cells , Vol. 4, Issue 3, pp. 331-53, (2015) (PubMed).
	Majumder, Fisk: "VDAC3 and Mps1 negatively regulate ciliogenesis." in: Cell cycle (Georgetown, Tex.) , Vol. 12, Issue 5, pp. 849-58, (2013) (PubMed).
	Majumder, Slabodnick, Pike, Marquardt, Fisk: "VDAC3 regulates centriole assembly by targeting Mps1 to centrosomes." in: Cell cycle (Georgetown, Tex.) , Vol. 11, Issue 19, pp. 3666-78, (2012) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-WRNIP1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Sample Type: HeLa cell lysateDilution: 1:1000