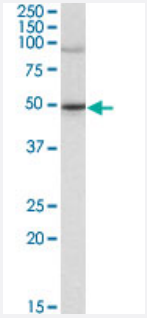
WRNIP1 polyclonal antibody

Catalog # PAB6045 Size 100 ug

Applications



Western Blot (Cell lysate)

WRNIP1 polyclonal antibody (Cat # PAB6045)(1ug/mL) staining of Jurkat lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of WRNIP1.
Immunogen	A synthetic peptide corresponding to human WRNIP1.
Sequence	EELRGVDFFKQRRC
Host	Goat
Theoretical MW (kDa)	72.1, 69.5
Specificity	This antibody is expected to recognize both reported isoforms according to NP_569079.1 and NP_064520.2.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — WRNIP1

Entrez GeneID	56897
Protein Accession#	NP_569079.1;NP_064520.2
Gene Name	WRNIP1
Gene Alias	FLJ22526, RP11-420G6.2, WHIP, bA420G6.2
Gene Description	Werner helicase interacting protein 1
Omim ID	608196
Gene Ontology	Hyperlink
Gene Summary	Werner's syndrome is a rare autosomal recessive disorder characterized by premature aging. Th e protein encoded by this gene interacts with the N-terminal portion of Werner protein containing t he exonuclease domain. This protein shows homology to replication factor C family proteins, and i s conserved from E. coli to human. Studies in yeast suggest that this gene may influence the agin g process. Two transcript variants encoding different isoforms have been isolated for this gene. [p rovided by RefSeq
Other Designations	OTTHUMP00000015944|OTTHUMP00000015945|Werner helicase interacting protein|putative h elicase RUVBL

Publication Reference

- 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.

  The Journal of Biological Chemistry 2001 Jun; 276(23):20364.

  Application: IP, WB-Tr, Human , HEK 293 cells