

Datasheet for ABIN7163852
anti-POLDIP3 antibody (AA 100-221)



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4 Images

Overview

Quantity:	100 µg
Target:	POLDIP3
Binding Specificity:	AA 100-221
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLDIP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Polymerase delta-interacting protein 3 protein (100-221AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	POLDIP3
Alternative Name:	POLDIP3 (POLDIP3 Products)
Background:	Background: Is involved in regulation of translation. Is preferentially associated with CBC-bound

Target Details

spliced mRNA-protein complexes during the pioneer round of mRNA translation. Contributes to enhanced translational efficiency of spliced over nonspliced mRNAs. Recruits activated ribosomal protein S6 kinase beta-1 I/RPS6KB1 to newly synthesized mRNA. Involved in nuclear mRNA export, probably mediated by association with the TREX complex.

Aliases: 46 kDa DNA polymerase delta interaction protein antibody, DNA polymerase delta interacting protein 3 antibody, KIAA1649 antibody, P46 antibody, PDIP3_HUMAN antibody, PDIP46 antibody, POLDIP3 antibody, Polymerase (DNA-directed), delta interacting protein 3 antibody, Polymerase delta interacting protein 46 antibody, Polymerase delta-interacting protein 3 antibody, RNA-binding protein P46 antibody, S6K1 Aly/REF-like target antibody, SKAR antibody

UniProt: [Q9BY77](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:20-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

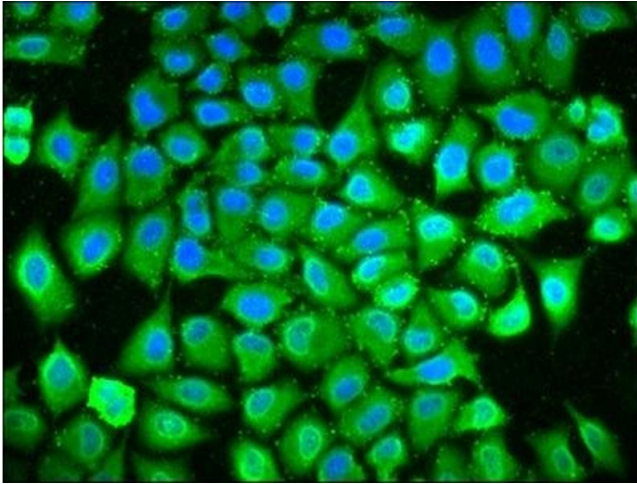
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

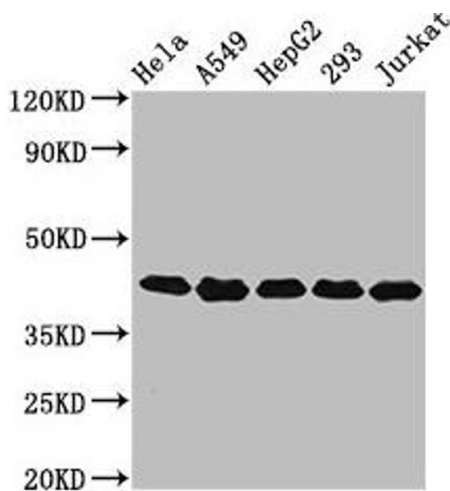
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



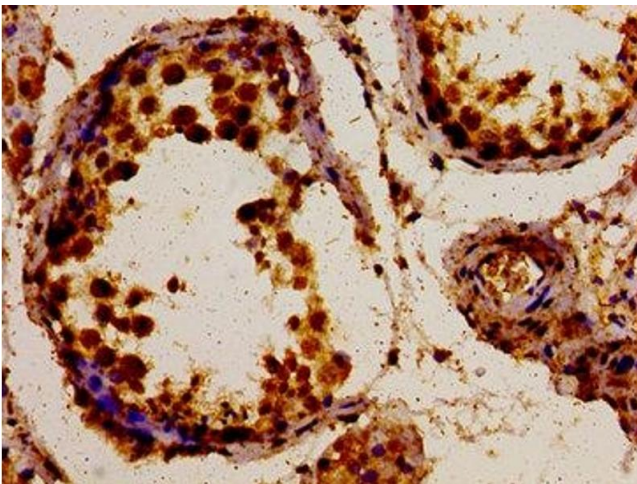
Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7163852 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysate, 293 whole cell lysate, Jurkat whole cell lysate All lanes: POLDIP3 antibody at 3.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47, 43 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7163852 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7163852.