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Datasheet for ABIN7467747  
**anti-RAD51AP1 antibody**

### Overview

Quantity:	100 µL
Target:	RAD51AP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51AP1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human RAD51AP1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	RAD51AP1
Alternative Name:	RAD51 associated protein 1 ( <a href="#">RAD51AP1 Products</a> )
Background:	RAD51 associated protein 1 , PIR51,May participate in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Functionally cooperates with PALB2 in promoting of D-loop formation by RAD51. Binds

## Target Details

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to single and double stranded DNA, and is capable of aggregating DNA. Also binds RNA.

Molecular Weight: 38 kDa

Gene ID: 10635

UniProt: [Q96B01](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.  
Not tested in other applications.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.61 mg/mL

Buffer: 0.1M Tris-Glycine ( pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.