

For Research Use Only

# Rad51D Polyclonal antibody

Catalog Number:30068-1-AP



## Basic Information

<b>Catalog Number:</b> 30068-1-AP	<b>GenBank Accession Number:</b> BC014422	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5892	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>Full Name:</b> RAD51-like 3 ( <i>S. cerevisiae</i> )	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 35 kDa	
<b>Immunogen Catalog Number:</b> AG32303	<b>Observed MW:</b> 30-40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, mouse brain tissue, HeLa cells, A2780 cells
<b>Species Specificity:</b> Human, Mouse	

## Background Information

RAD51L3, also named RAD51D, R51H3 and TRAD, belongs to the recA family and RAD51 subfamily. It is involved in the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents. The BCDX2 complex binds single-stranded DNA, single-stranded gaps in duplex DNA, and specifically to nicks in duplex DNA. The Heterodimer of RAD51L3 is about 70 kDa.

## Storage

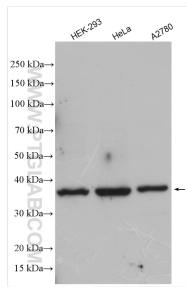
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30068-1-AP (Rad51D antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.