

For Research Use Only

# Rad51D Polyclonal antibody

Catalog Number: 11126-1-AP



## Basic Information

<b>Catalog Number:</b> 11126-1-AP	<b>GenBank Accession Number:</b> BC014422	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 5892	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75771	
<b>Isotype:</b> IgG	<b>Full Name:</b> RAD51-like 3 (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG1595	<b>Calculated MW:</b> 35 kDa	
	<b>Observed MW:</b> 30-40 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HEK-293 cells, HeLa cells, A2780 cells

IHC : human lymphoma tissue,

## 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

For technical support and original validation data for this product please contact:

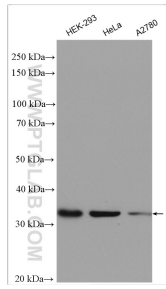
T: 4006900926

E: Proteintech-CN@ptglab.com

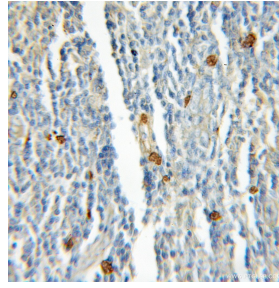
W: ptgcn.com

**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 11126-1-AP (Rad51D antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 11126-1-AP (Rad51D antibody) at dilution of 1:100 (under 10x lens).