

For Research Use Only

# Rad51D Polyclonal antibody, PBS Only

Catalog Number: 11126-1-PBS



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>11126-1-PBS                          | <b>GenBank Accession Number:</b><br>BC014422      | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>100ug , Concentration: 1 mg/ml by<br>Nanodrop; | <b>GeneID (NCBI):</b><br>5892                     |  |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>O75771                      |  |
| <b>Isotype:</b><br>IgG   | <b>Full Name:</b><br>RAD51-like 3 (S. cerevisiae) |  |
| <b>Immunogen Catalog Number:</b><br>AG1595                     | <b>Calculated MW:</b><br>35 kDa                   |  |
|  | <b>Observed MW:</b><br>30-40 kDa                  |  |

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human

## 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 -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

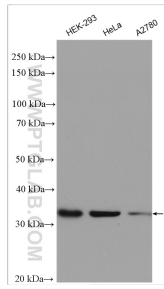
For technical support and original validation data for this product please contact:

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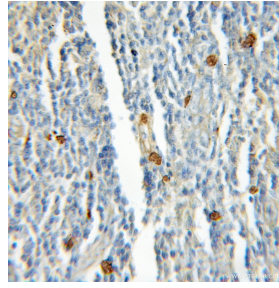
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## Selected Validation Data



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. This data was developed using the same antibody clone with 11126-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 11126-1-AP (Rad51D antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 11126-1-PBS in a different storage buffer formulation.