

For Research Use Only

Rad51D Polyclonal antibody

Catalog Number: 11126-1-AP



Basic Information

Catalog Number: 11126-1-AP	GenBank Accession Number: BC014422	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 5892	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: O75771	
Isotype: IgG	Full Name: RAD51-like 3 (S. cerevisiae)	
Immunogen Catalog Number: AG1595	Calculated MW: 35 kDa	
	Observed MW: 30-40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : HEK-293 cells, HeLa cells, A2780 cells
	IHC : human lymphoma tissue,

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

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

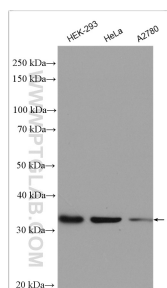
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

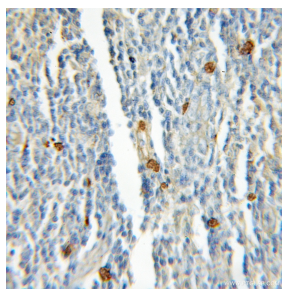
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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.



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