

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: 500 µg/ml	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: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, HeLa cells, A2780 cells IHC : human lymphoma tissue,
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	

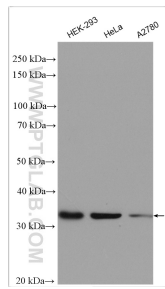
Background Information

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.

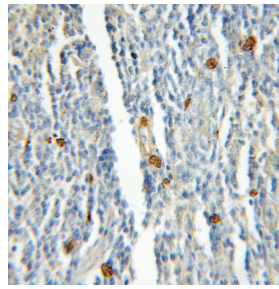
Storage

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

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).