

Rad51D Polyclonal Antibody

Catalog number: 11126-1-AP

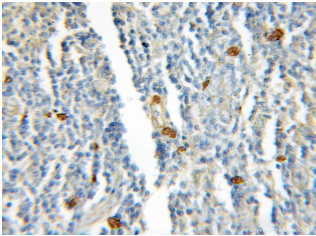
Size: 32 µg/150 µl

Source: Rabbit

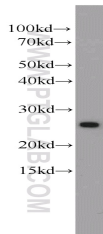
Isotype: IgG

Synonyms:

RAD51L3; HsTRAD, R51H3,
RAD51 homolog D, RAD51 like
3 (*S. cerevisiae*), RAD51 like
protein 3, Rad51D, RAD51L3,
Trad



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



COLO 320 cells were subjected to SDS PAGE followed by western blot with 11126-1-AP(Rad51D antibody) at dilution of 1:1000

Background

RAD51L3, also named as 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. Heterodimer of RAD51L3 is about 70 kd.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated Rad51D MW:	35 kDa
Observed Rad51D MW:	23-25kd
Positive WB detected in	COLO 320 cells, Jurkat cells
Positive IHC detected in	Human lymphoma tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1595
GenBank accession number:	BC014422
Gene ID (NCBI):	5892
Full name:	RAD51-like 3 (<i>S. cerevisiae</i>)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.