

For Research Use Only

Rad51D Polyclonal antibody

Catalog Number: 30068-1-AP



Basic Information

Catalog Number:

30068-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32303

GenBank Accession Number:

BC014422

GeneID (NCBI):

5892

UNIPROT ID:

O75771

Full Name:

RAD51-like 3 (S. cerevisiae)

Calculated MW:

35 kDa

Observed MW:

30-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse

Positive Controls:

WB : HEK-293 cells, mouse brain tissue, HeLa cells, A2780 cells

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:

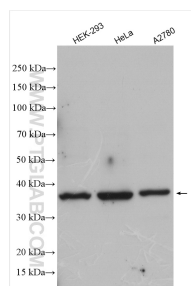
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30068-1-AP (Rad51D antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.