

For Research Use Only

RAD51C Polyclonal antibody

Catalog Number: 31678-1-AP



Basic Information

Catalog Number: 31678-1-AP	GenBank Accession Number: BC107753	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 5889	Recommended Dilutions: WB 1:1000-1:5000
Source: Rabbit	UNIPROT ID: O43502	
Isotype: IgG	Full Name: RAD51 homolog C (S. cerevisiae)	
Immunogen Catalog Number: AG35070	Calculated MW: 376 aa, 42 kDa	
	Observed MW: 40-42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293T cells, HeLa cells, MDA-MB-231 cells, mouse testis tissue
Species Specificity: Human, mouse	

Background Information

RAD51C (DNA repair protein RAD51 homolog 3) is essential for the homologous recombination (HR) pathway of DNA repair and is involved in the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents (PMID: 14716019; 16215984; 16395335).

Storage

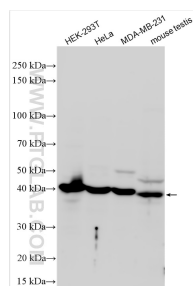
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31678-1-AP (RAD51C antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.