

# RAD54B Rabbit Polyclonal Antibody



**CAB16208**

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

103kDa

### Calculated MW:

103kDa

### Applications:

WB IF IP

### Reactivity:

Human, Mouse

## Protein Background

The protein encoded by this gene belongs to the DEAD-like helicase superfamily. It shares similarity with *Saccharomyces cerevisiae* RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer.

## Immunogen information

### Gene ID:

25788

### Uniprot

Q9Y620

### Synonyms:

RAD54B; RDH54

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 -  
1:200 IP 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

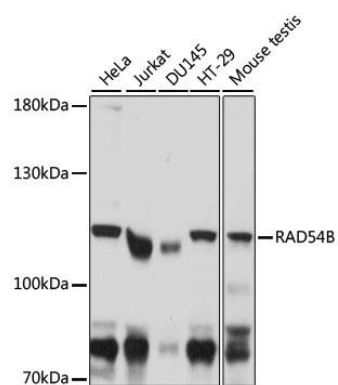
Recombinant fusion protein containing a sequence corresponding to amino acids 781-910 of human RAD54B (NP\_036547.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using RAD54B antibody (CAB16208) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.