

# RAD51 Antibody, HRP conjugated



PACO46151

---

## Product Information

**Size:**

50ug

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein Background:**

Participates in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Underwinds duplex DNA and forms helical nucleoprotein filaments. Part of a PALB2-scaffolded HR complex containing BRCA2 and RAD51C and which is thought to play a role in DNA repair by HR. Plays a role in regulating mitochondrial DNA copy number under conditions of oxidative stress in the presence of RAD51C and XRCC3.

**Gene ID:**

RAD51

**Uniprot**

Q06609

**Synonyms:**

DNA repair protein RAD51 homolog 1 (HsRAD51) (hRAD51) (RAD51 homolog A), RAD51, RAD51A RECA

**Immunogen:**

Recombinant Human DNA repair protein RAD51 homolog 1 protein (1-228AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

---

N/A

N/A