

Datasheet for ABIN3032429  
**anti-RAD51C antibody (AA 169-198)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	RAD51C
Binding Specificity:	AA 169-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 169-198 from the human protein was used as the immunogen for this RAD51C antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

## Target Details

Target:	RAD51C
Alternative Name:	RAD51C ( <a href="#">RAD51C Products</a> )
Background:	This gene is a member of the RAD51 family of related genes, which encode strand-transfer proteins thought to be involved in recombinational repair of damaged DNA and in meiotic recombination. This gene product interacts with two other DNA repair proteins, encoded by

## Target Details

RAD51B and XRCC3, but not with itself. The protein copurifies with XRCC3 protein in a complex, reflecting their endogenous association and suggesting a cooperative role during recombinational repair. This gene is one of four localized to a region of chromosome 17q23 where amplification occurs frequently in breast tumors. Overexpression of the four genes during amplification has been observed and suggests a possible role in tumor progression. Alternative splicing has been observed for this gene and two variants encoding different isoforms have been identified.

UniProt: [O43502](#)

Pathways: [DNA Damage Repair](#)

## Application Details

Application Notes: Titration of the RAD51C antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

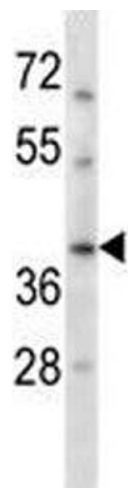
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

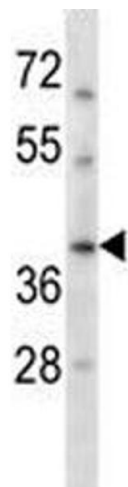
Storage: -20 °C

Storage Comment: Aliquot the RAD51C antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

**Image 1.** RAD51C antibody western blot analysis in HepG2 lysate.



Western Blotting

**Image 2.** RAD51C antibody western blot analysis in HepG2 lysate.