

Datasheet for ABIN5537437  
**anti-RAD51C antibody (AA 169-198)**



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1 Image

## Overview

Quantity:	400 µL
Target:	RAD51C
Binding Specificity:	AA 169-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD51C antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This RAD51C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-198 amino acids from the Central region of human RAD51C.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## 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.

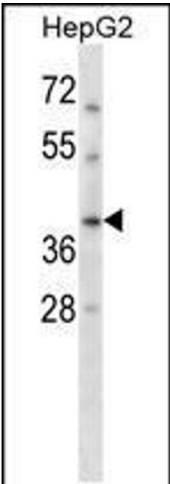
Molecular Weight:	42 kDa
Gene ID:	5889
UniProt:	<a href="#">O43502</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

**Image 1.** Western blot analysis in HepG2 cell line lysates (35ug/lane).