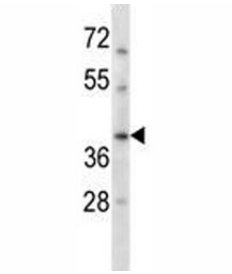
RAD51C Antibody (F44332)

Catalog No.	Formulation	Size
F44332-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44332-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O43502
Applications	Western blot: 1:1000
Limitations	This RAD51C antibody is available for research use only.



RAD51C antibody western blot analysis in HepG2 lysate.

Description

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 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.

Application Notes

Titration of the RAD51C antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 169-198 from the human protein was used as the immunogen for this RAD51C antibody.

Storage

Aliquot the RAD51C antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.