

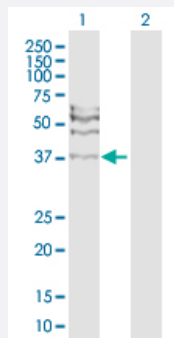
MaxPab®

RAD51C purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005889-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RAD51C expression in transfected 293T cell line ([H00005889-T02](#)) by RAD51C MaxPab polyclonal antibody.

Lane 1: RAD51C transfected lysate(42.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RAD51C protein.
Immunogen	RAD51C (NP_478123.1, 1 a.a. ~ 376 a.a) full-length human protein.
Sequence	MRGKTRFEMQRDLVSFPLSPAVRVKLVSAGFQTAEELEVKPSELSKEVGISKAEALETLQIIRRECLTNKPRYAGTSESHKKCTALELLEQEHTQGFIITFCSALDDILGGGVPLMKTEICGAPGVGKTQLCMQLAVDVQIPECFGGVAGEAVFIDTEGSFMVDRVVDLATAACIQHLQLIAEKHKGEEHRKALEDFTLDNILSHIYFRCDYTELLAQVYLLPDFLSEHSKVRLVVDGIAFPFRHDLDDLSLRTRLLNGLAQQMISLANNHRLAVILTQMTTKIDRNQALLVPALGESWGHAAATIRLIFHWDRKQRLATLYKSPSQKECTVLFQIKPQGFRDVTVSACSLQTEGSLSTRKSRDPEEEL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RAD51C expression in transfected 293T cell line ([H00005889-T02](#)) by RAD51C MaxPab polyclonal antibody.

Lane 1: RAD51C transfected lysate(42.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RAD51C

Entrez GeneID [5889](#)

GeneBank Accession# [NM_058216](#)

Protein Accession# [NP_478123.1](#)

Gene Name RAD51C

Gene Alias MGC104277, RAD51L2

Gene Description RAD51 homolog C (S. cerevisiae)

Omim ID [602774](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

DNA repair protein RAD51 homolog 3|RAD51 homolog C|RAD51 homolog C, isoform 1|yeast RAD51 homolog 3

Pathway

- [Homologous recombination](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Urinary Bladder Neoplasms](#)