

RAD51L3 polyclonal antibody

Catalog # PAB6276

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of RAD51L3.
Immunogen	A synthetic peptide corresponding to human RAD51L3.
Sequence	GVLRVGLCPGLTEE
Host	Goat
Theoretical MW (kDa)	35, 23.3, 37
Specificity	This antibody is expected to recognize all five human isoforms of this protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RAD51L3

Entrez GeneID [5892](#)

Protein Accession# [NP_002869;NP_598330;NP_598331;NP_598332;NP_598333](#)

Gene Name RAD51L3

Gene Alias HsTRAD, R51H3, RAD51D, Trad

Gene Description RAD51-like 3 (S. cerevisiae)

Omim ID [602954](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Several alternatively spliced transcript variants of this gene have been described, but the biological validity of some of them has not been determined. [provided by RefSeq]

Other Designations DNA repair protein RAD51 homolog 4|RAD51-like 3|recombination repair protein

Publication Reference

- [Identification, characterization, and genetic mapping of Rad51d, a new mouse and human RAD51/RecA-related gene.](#)

Pittman DL, Weinberg LR, Schimenti JC.

Genomics 1998 Apr; 49(1):103.

Pathway

- [Homologous recombination](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Urinary Bladder Neoplasms](#)