

# RAD21 polyclonal antibody

Catalog # PAB5544

Size 100 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RAD21.
Immunogen	A synthetic peptide corresponding to C-terminus of human RAD21.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% 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

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — RAD21

Entrez GeneID [5885](#)

Gene Name RAD21

Gene Alias	FLJ25655, FLJ40596, HR21, HRAD21, KIAA0078, MCD1, NXP1, SCC1, hHR21
Gene Description	RAD21 homolog (S. pombe)
Omim ID	<a href="#">606462</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells. [provided by RefSeq]</p>
Other Designations	RAD21 homolog nuclear matrix protein 1 protein involved in DNA double-strand break repair

## Pathway

- [Cell cycle](#)

## Disease

- [Adenocarcinoma](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Radiation Injuries](#)