

DNAxPAb

Hard-to-Find
Antibody

RAD21 DNAxPab

Catalog # H00005885-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RAD21 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MFYAHFVLSKRGPLAKWLAHWDKKLTKAHVFECNLESSVESIISPKVKMALRTSGHLLLGVVRIYHRKAKYLLADCNEAFIKKMAFRPGVVDLPEENREAAYNAILPEEFHDFDQPLPDLDIDVAQQFSLNQSRVEEITMREEVGNISILQENDFGDFGMDDREIMREGSAFEDDDMLVSTTTSNLLLESEQSTSNLNEKINHLEYEDQYKDDNFGEENDGGILDDKLISNNDGGIFDDPPALSEAGVMLPEQPAHDDMDEDDNVSMGGPDSPDSVDPVEPMPTMTDQTTLVPNEEEAFALEPIDITVKETKAKRKRKLIVDSVKELDSKTIRAQLSDYSDIVTTLDLAPPTKKLMMWKETGGVEKLFSLPAQPLWNNRLLKLFTRCLTPLVPEDLRKRRKGGEADNLDEFLKEFENPEVPREDQQQHQQRDVIDEPIIEEPSRLQESVMEASRTNIDESAMPPPPQGVKRKAGQIDPEPVMPPQQVEQMEIPPVELPPEEPPNICQLIPELELLPEKEKEKEKEKEDDEEEEDEDASGGDQDQEERRWNKRTQQMLHGLQRALAKTGAESISLLELCRNTNRKQAAAKFYSLVLKKQQAIELTQEEPYSDIATPGPRFHII
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — RAD21

Entrez GeneID [5885](#)

GeneBank Accession# [NM_006265.1](#)

Protein Accession# [NP_006256.1](#)

Gene Name RAD21

Gene Alias FLJ25655, FLJ40596, HR21, HRAD21, KIAA0078, MCD1, NXP1, SCC1, hHR21

Gene Description RAD21 homolog (S. pombe)

Omim ID [606462](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

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](#)