

DNAxPAb

Hard-to-Find
Antibody

RAD54B DNAxPAb

Catalog # H00025788-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RAD54B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLDHPVAITVEVKQEEDIKPPPLVLNSQQSDTLEQREEHELVHVMERSLSPSLSSVDMRMTS SPSSIPRRDDFFRHESGEHFRSLLGYDPQILQMLKEEHQIILENQKNFGLYVQEKRDLKRRQQLE EELLRAKIEVEKLKAIRLRHDLPEYNSL
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 — RAD54B

Entrez GeneID [25788](#)

GeneBank Accession# [BC033710.2](#)

Protein Accession# [AAH33710.2](#)

Gene Name RAD54B

Gene Alias FSBP, RDH54

Gene Description RAD54 homolog B (S. cerevisiae)

Omim ID [604289](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the DEAD-like helicase superfamily. It shares similarity with *Saccharomyces cerevisiae* RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer. [provided by RefSeq]

Other Designations Fibrinogen silencer-binding protein|RAD54 homolog B|RAD54, *S. cerevisiae*, homolog of, B|fibrinogen silencer binding protein

Pathway

- [Homologous recombination](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Uterine Cervical Neoplasms](#)