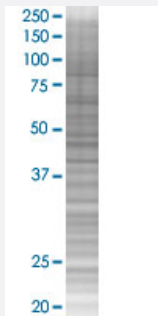


RAD54B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00025788-T02

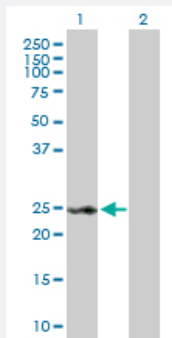
Size 100 uL

Applications



SDS-PAGE Gel

RAD54B transfected lysate.



Western Blot

Lane 1: RAD54B transfected lysate (18.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RAD54B full-length
Host	Human
Theoretical MW (kDa)	18.6
Interspecies Antigen Sequence	Mouse (31)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RAD54B antibody ([H00025788-D01P](#)) by Western Blots.
SDS-PAGE Gel
RAD54B transfected lysate.
Western Blot
Lane 1: RAD54B transfected lysate (18.60 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RAD54B

Entrez GeneID[25788](#)**GeneBank Accession#**[BC033710](#)**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](#)