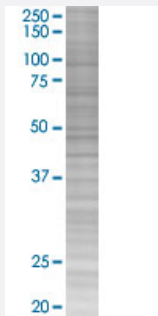


RAD18 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056852-T02

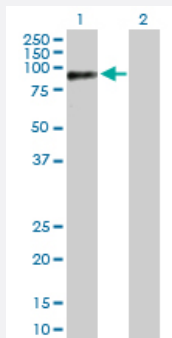
Size 100 uL

Applications



SDS-PAGE Gel

RAD18 transfected lysate.



Western Blot

Lane 1: RAD18 transfected lysate (56.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RAD18 full-length
Host	Human
Theoretical MW (kDa)	56.2
Interspecies Antigen Sequence	Mouse (65); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RAD18 antibody ([H00056852-D01P](#)) by Western Blots.
SDS-PAGE Gel
RAD18 transfected lysate.
Western Blot
Lane 1: RAD18 transfected lysate (56.20 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 — RAD18

Entrez GeneID[56852](#)**GeneBank Accession#**[NM_020165.2](#)**Protein Accession#**[NP_064550.2](#)**Gene Name**

RAD18

Gene Alias

RNF73

Gene Description

RAD18 homolog (S. cerevisiae)

Omim ID[605256](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is highly similar to S. cerevisiae DNA damage repair protein Rad18. Yeast Rad18 functions through its interaction with Rad6, which is an ubiquitin-conjugating enzyme required for post-replication repair of damaged DNA. Similar to its yeast counterpart, this protein is able to interact with the human homolog of yeast Rad6 protein through a conserved ring-finger motif. Mutation of this motif results in defective replication of UV-damaged DNA and hypersensitivity to multiple mutagens. [provided by RefSeq]

Other Designations

RAD18, S. cerevisiae, homolog|postreplication repair protein hRAD18p

Disease

- [Adenocarcinoma](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Neoplasms](#)