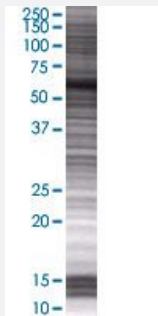


RAD18 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056852-T01

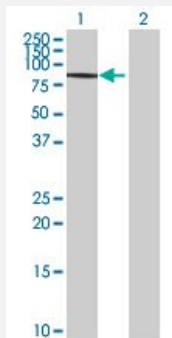
Size 100 uL

Applications



SDS-PAGE Gel

RAD18 transfected lysate.



Western Blot

Lane 1: RAD18 transfected lysate (54.56 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RAD18 full-length
Host	Human
Theoretical MW (kDa)	54.56
Interspecies Antigen Sequence	Mouse (65); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RAD18 antibody ([H00056852-B01](#)) by Western Blots.
SDS-PAGE Gel
RAD18 transfected lysate.
Western Blot
Lane 1: RAD18 transfected lysate (54.56 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](#)