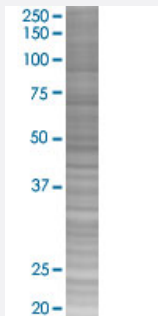


RAD17 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005884-T02

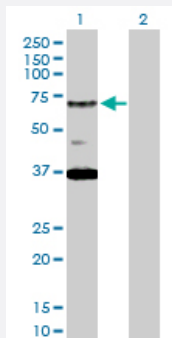
Size 100 uL

Applications



SDS-PAGE Gel

RAD17 transfected lysate.



Western Blot

Lane 1: RAD17 transfected lysate (66.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-RAD17 full-length

Host Human

Theoretical MW (kDa) 66.2

Quality Control Testing Transient overexpression cell lysate was tested with Anti-RAD17 antibody ([H00005884-D01P](#)) by Western Blots.
SDS-PAGE Gel
RAD17 transfected lysate.
Western Blot
Lane 1: RAD17 transfected lysate (66.20 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 — RAD17

Entrez GeneID	5884
GeneBank Accession#	NM_133341
Protein Accession#	NP_579919.1
Gene Name	RAD17
Gene Alias	CCYC, FLJ41520, HRAD17, R24L, RAD17SP, RAD24
Gene Description	RAD17 homolog (S. pombe)
Omim ID	603139
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad17, a cell cycle checkpoint gene required for cell cycle arrest and DNA damage repair in response to DNA damage. This protein shares strong similarity with DNA replication factor C (RFC), and can form a complex with RFCs. This protein binds to chromatin prior to DNA damage and is phosphorylated by the checkpoint kinase ATR following damage. This protein recruits the RAD1-RAD9-HUS1 checkpoint protein complex onto chromatin after DNA damage, which may be required for its phosphorylation. The phosphorylation of this protein is required for the DNA-damage-induced cell cycle G2 arrest, and is thought to be a critical early event during checkpoint signaling in DNA-damaged cells. Eight alternatively spliced transcript variants of this gene, which encode four distinct proteins, have been reported. Two pseudogenes, located on chromosomes 7 and 13, have been identified. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000125189 OTTHUMP00000125190 OTTHUMP00000125192 OTTHUMP00000125193 OTTHUMP00000125194 RAD1 homolog RAD17 homolog RF-C activator 1 homolog Rad17-like protein cell cycle checkpoint protein (RAD17)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)