

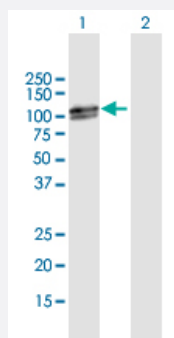
MaxPab®

RAD18 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056852-B01P

Size 50 ug

Applications

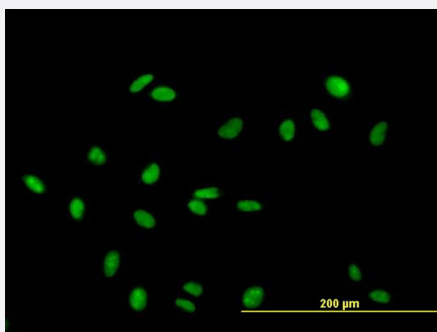


Western Blot (Transfected lysate)

Western Blot analysis of RAD18 expression in transfected 293T cell line ([H00056852-T01](#)) by RAD18 MaxPab polyclonal antibody.

Lane 1: RAD18 transfected lysate(54.45 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RAD18 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RAD18 protein.

Immunogen

RAD18 (NP_064550.2, 1 a.a. ~ 495 a.a) full-length human protein.

Sequence

MDSLAESRWPPGLAVMKTIDDLLRCGICFEYFNAMIPQCCHNYCSLCIRKFLSYKTQCPTCCVTV
TEPDLKNNRILDELVKSLNFARNHLLQFALESPAKSPASSSSKNLAVKVYTPVASRQSLKQGSRL
MDNFLIREMSGSTSELLIKENKSKFSPQKEASPAAKTKETRSVEEAPDPSEAKRPEPPSTSTLKQ
VTKVDCPVCGVNIPESHINKHLDSCLSREEKKESLRSSVHKRKLPLKTVYNLLSDRDLKKKLKEH
GLSIQGNKQQLIKRHQEFVHMYNAQCDAHPKSAAEIVQEIEKTRMRLEASKLNESVMVFTKD
QTEKEIDEIHSKYRKKHKSEFQLLVQARKGYKKIAGMSQKTVTITKEDESTKLSSVCMGQEDNM
TSVTNHFSSQKLDSPEELEPDREEDSSSCIDIQEVLSSESSESDSCNSSSSDIIRDLEEEEAWEAS
HKNDLQDTEISPRQNRRTAAESAIEPRNKRNRN

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (65); Rat (76)
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)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RAD18 on HeLa cell. [antibody concentration 10 ug/ml]

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](#)