

**Product Name: Rad23A Rabbit Polyclonal Antibody**  
**Catalog #: APRab16835**



## Summary

<b>Production Name</b>	Rad23A Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	RAD23A
<b>Alternative Names</b>	RAD23A; UV excision repair protein RAD23 homolog A; HR23A; hHR23A
<b>Gene ID</b>	5886.0
<b>SwissProt ID</b>	P54725.The antiserum was produced against synthesized peptide derived from human RAD23A. AA range:91-140

## Application

<b>Dilution Ratio</b>	WB 1:500-2000
<b>Molecular Weight</b>	48kD

## Background

The protein encoded by this gene is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in

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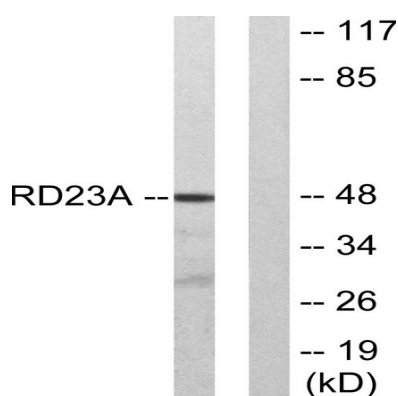


nucleotide excision repair. Proteins in this family have a modular domain structure consisting of an ubiquitin-like domain (UbL), ubiquitin-associated domain 1 (UbA1), XPC-binding domain and UbA2. The protein encoded by this gene plays an important role in nucleotide excision repair and also in delivery of polyubiquitinated proteins to the proteasome. Alternative splicing results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Jun 2012],domain:The ubiquitin-like domain mediates interaction with MJD.,function:Involved in postreplication repair of UV-damaged DNA. Postreplication repair functions in gap-filling of a daughter strand on replication of damaged DNA .,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the RAD23 family.,similarity:Contains 1 ubiquitin-like domain.,similarity:Contains 2 UBA domains.,subunit:Interacts with MJD. Interacts with HIV-1 Vpr.,

## Research Area

Nucleotide excision repair;

## Image Data



Western blot analysis of lysates from LOVO cells, using RAD23A Antibody. The lane on the right is blocked with the synthesized peptide.

## Note

For research use only.