

## Rabbit RAD23A Polyclonal Antibody | anti-RAD23A antibody

RAD23A antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                             | APPLICATIONS                       |
|-----------|--------|--------------------------------------------------------|------------------------------------|
| AAA199069 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat | Western Blot, Immunohistochemistry |

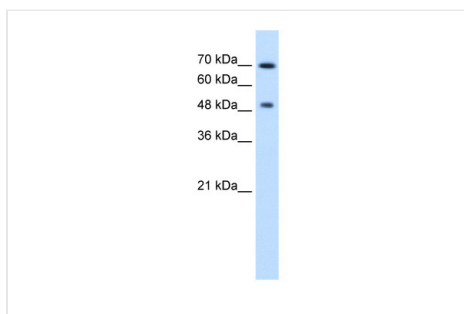
### PRODUCT SYNONYMS

RAD23A; Polyclonal Antibody; RAD23A antibody - N-terminal region; anti-RAD23A antibody

### PRODUCT SPECIFICATIONS

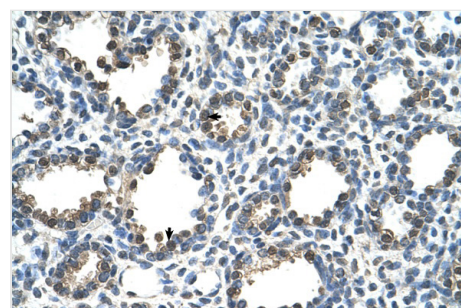
|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Purity/Purification                              | Protein A purified                                                                                                                                    |
| Form/Format                                      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                         | Synthetic peptide with the following region: VP SSGSSGREED AASTLVGTGSE YETMLTEIMS MGYERERVVA ALRASYN                                                  |
| Sequence Length                                  | 363                                                                                                                                                   |
| Applicable Applications for anti-RAD23A antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                         |
| Homology                                         | Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%                                                 |
| Immunogen                                        | The immunogen is a synthetic peptide directed towards the N terminal region of human RAD23A                                                           |
| Preparation and Storage                          | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-RAD23A Antibody Titration: 2.5ug/ml  
Positive Control: Jurkat cell lysate  
RAD23A is supported by BioGPS gene expression data to be expressed in Jurkat



#### IHC (Immunohistochemistry)

Rabbit Anti-RAD23A Antibody  
Paraffin Embedded Tissue: Human Lung  
Cellular Data: Alveolar cells  
Antibody Concentration: 4.0-8.0 ug/ml  
Magnification: 400X

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RAD23A antibody | <p>This is a rabbit polyclonal antibody against RAD23A. It was validated on Western Blot and immunohistochemistry</p> <p>Target Description: RAD23A is one of two human homologs of <i>Saccharomyces cerevisiae</i> Rad23, a protein involved in nucleotide excision repair (NER). This protein was shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, as well as with ubiquitin protein ligase E6AP, and thus suggests that this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.The protein encoded by this gene is one of two human homologs of <i>Saccharomyces cerevisiae</i> Rad23, a protein involved in nucleotide excision repair (NER). This protein was shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, as well as with ubiquitin protein ligase E6AP, and thus suggests that this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.</p> |
| Product Categories/Family for anti-RAD23A antibody   | Polyclonal; Chromatin & Nuclear Signaling; Signal Transduction; Epigenetics; DNA Damage & Repair; E3 & Ubiquitin; Tissue Specific & Cell Marker; Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4826964                                              |
| NCBI GeneID                      | 5886                                                 |
| NCBI Accession #                 | NP_005044                                            |
| NCBI GenBank Nucleotide #        | NM_005053                                            |
| UniProt Accession #              | P54725                                               |
| Molecular Weight                 | 40kDa                                                |
| NCBI Official Full Name          | UV excision repair protein RAD23 homolog A isoform 1 |
| NCBI Official Synonym Full Names | RAD23 homolog A, nucleotide excision repair protein  |
| NCBI Official Symbol             | RAD23A                                               |
| NCBI Official Synonym Symbols    | HR23A; HHR23A                                        |
| NCBI Protein Information         | UV excision repair protein RAD23 homolog A           |
| UniProt Protein Name             | UV excision repair protein RAD23 homolog A           |
| UniProt Gene Name                | <b>RAD23A</b>                                        |
| UniProt Synonym Gene Names       | HR23A; hHR23A                                        |
| UniProt Entry Name               | RD23A_HUMAN                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rad23a-antibody-western-blot-immunohistochemistry-elisa/199069>