

Rabbit RAD23A Polyclonal Antibody | anti-RAD23A antibody

RAD23A antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199070	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

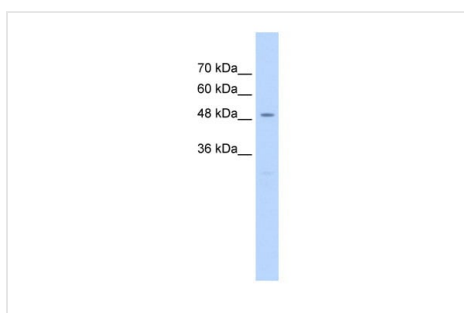
PRODUCT SYNONYMS

RAD23A; Polyclonal Antibody; RAD23A antibody - middle region; anti-RAD23A antibody

PRODUCT SPECIFICATIONS

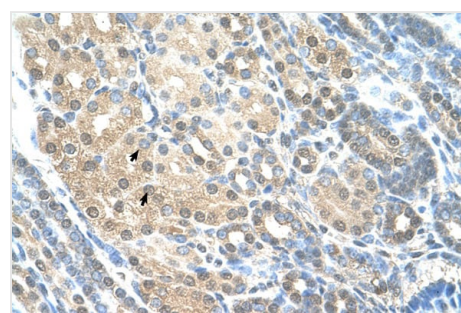
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GIPGSPEPEHGSVQESQVSEQPATEAAGENPLEFLRDQPQFQNMQRVIQQ
Sequence Length	363
Applicable Applications for anti-RAD23A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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 Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-RAD23A antibody	This is a rabbit polyclonal antibody against RAD23A. It was validated on Western Blot and immunohistochemistry 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.
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	RAD23A
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://stage.aaabiotech.com/polyclonal/rad23a-antibody-western-blot-immunohistochemistry-elisa/199070>