

Rabbit RAD23A Polyclonal Antibody | anti-RAD23A antibody

RAD23A Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287927	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

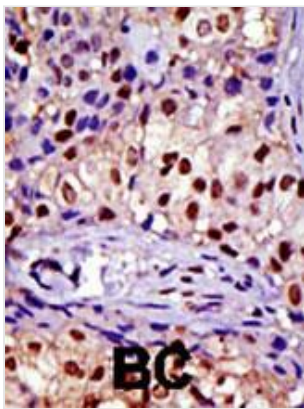
PRODUCT SYNONYMS

RAD23A; Polyclonal Antibody; RAD23A Antibody (C-term); UV excision repair protein RAD23 homolog A; HR23A; hHR23A; anti-RAD23A antibody

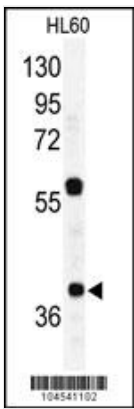
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RAD23A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 303-333 amino acids from the C-terminal region of human RAD23A.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	303-333
Sequence Length	362
Applicable Applications for anti-RAD23A antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of RAD23A Antibody (C-term) in HL60 cell line lysates (35ug/lane). RAD23A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD23A antibody	RAD223A 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.
References	Mueller, T.D., et al., EMBO J. 22(18):4634-4645 (2003). Mueller, T.D., et al., J. Mol. Biol. 319(5):1243-1255 (2002). Elder, R.T., et al., Nucleic Acids Res. 30(2):581-591 (2002). Chen, L., et al., EMBO Rep. 2(10):933-938 (2001). Gaynor, E.M., et al., Exp. Cell Res. 267(2):243-257 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	392996949
NCBI GeneID	5886
NCBI Accession #	NP_001257291.1; NP_001257292.1; NP_005044.1
NCBI GenBank Nucleotide #	NM_001270362.1
UniProt Accession #	P54725; Q59EU8; Q5M7Z1; K7ESE3
Molecular Weight	39609
NCBI Official Full Name	UV excision repair protein RAD23 homolog A isoform 2
NCBI Official Synonym Full Names	RAD23 homolog A (<i>S. cerevisiae</i>)
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

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-immunohistochemistry-western-blot-elisa/287927>