

Rabbit RAD23B Polyclonal Antibody | anti-RAD23B antibody

RAD23B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325287	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

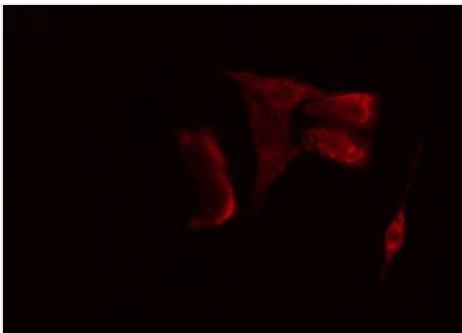
PRODUCT SYNONYMS

RAD23B; Polyclonal Antibody; RAD23B Antibody; hHR 23b; hHR23B; HR 23B; HR23B; mHR 23B; mHR23B; p58; RAD 23B; RAD23 (S. cerevisiae) homolog B; RAD23 homolog B (S. cerevisiae); RAD23 homolog B; RAD23 yeast homolog of B; Rad23b; RD23B_HUMAN; UV excision repair protein RAD23 homolog B; XP C repair complementing complex 58 kDa; XP C repair complementing complex 58 kDa protein; XP C repair complementing protein; XP-C repair-complementing complex 58 kDa protein; XPC repair complementing complex 58 kDa; XPC repair complementing complex 58 kDa protein; XPC repair complementing protein; anti-RAD23B antibody

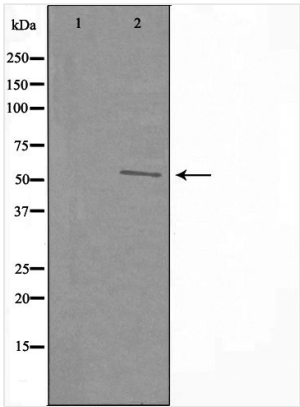
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAD23B antibody detects endogenous levels of total RAD23B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-RAD23B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus. Cytoplasm. The intracellular distribution is cell cycle dependent. Localized to the nucleus and the cytoplasm during G1 phase. Nuclear levels decrease during S-phase; upon entering mitosis, relocalizes in the cytoplasm without association with chromatin.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (91%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

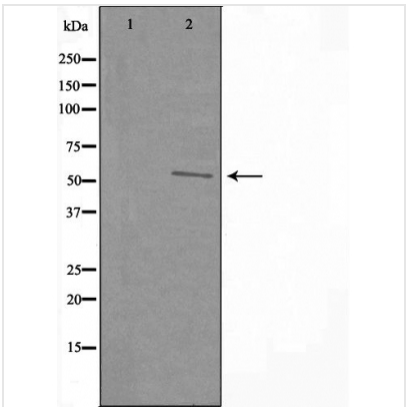
IMAGES



IF (Immunofluorescence)
AAA325287 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from A549 cells using RAD23B antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)
Western blot analysis of extracts from A549 cells using RAD23B antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RAD23B antibody	Function: Multiubiquitin chain receptor involved in modulation of proteasomal degradation. Binds to polyubiquitin chains. Proposed to be capable to bind simultaneously to the 26S proteasome and to polyubiquitinated substrates and to deliver ubiquitinated proteins to the proteasome. May play a role in endoplasmic reticulum-associated degradation (ERAD) of misfolded glycoproteins by association with PNGase and delivering deglycosylated proteins to the proteasome. Subunit Structure: Component of the XPC complex composed of XPC, RAD23B and CETN2. Interacts with NGLY1 and PSMC1. Interacts with ATXN3. Interacts with PSMD4 and PSMC5. Interacts with AMFR. Interacts with VCP; the interaction is indirect and mediated by NGLY1 (By similarity). Similarity: The ubiquitin-like domain mediates interaction with ATXN3. Belongs to the RAD23 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	347800665
NCBI GeneID	5887
NCBI Accession #	NP_001231653.1
NCBI GenBank Nucleotide #	NM_001244724.1
UniProt Accession #	P54727; Q7Z5K8; Q8WUB0; B3KWK8; G5E9P0
Molecular Weight	Observed: 58; 50 kD Predicted: 44 kDa

NCBI Official Full Name	UV excision repair protein RAD23 homolog B isoform 3
NCBI Official Synonym Full Names	RAD23 homolog B, nucleotide excision repair protein
NCBI Official Symbol	RAD23B
NCBI Official Synonym Symbols	P58; HR23B; HHR23B
NCBI Protein Information	UV excision repair protein RAD23 homolog B
UniProt Protein Name	UV excision repair protein RAD23 homolog B
UniProt Gene Name	RAD23B
UniProt Synonym Gene Names	HR23B; hHR23B; p58

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/rad23b-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325287>