

Product datasheet for **AP53559PU-N**

hHR23b (RAD23B) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 10-40 amino acids from the N-terminal region of Human RAD23B.
Specificity:	This antibody recognizes Human RAD23B (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	RAD23 homolog B, nucleotide excision repair protein
Database Link:	Entrez Gene 5887 Human P54727



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Background:

The protein encoded by this gene is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also 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, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.

Synonyms:

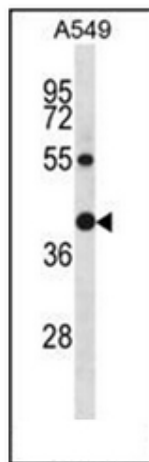
HR23B

Note:**Molecular Weight:** 43171 Da**Protein Families:**

Druggable Genome

Protein Pathways:

Nucleotide excision repair

Product images:

Western blot analysis of RAD23B Antibody (N-term) in A549 cell line lysates (35ug/lane). This demonstrates the RAD23B antibody detected the RAD23B protein (arrow).