

Datasheet for ABIN6146632
anti-RAD23B antibody (AA 50-150)



[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	RAD23B
Binding Specificity:	AA 50-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD23B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Rad23B (NP_002865.1).
Sequence:	GKILNDDTAL KEYKIDEKNF VVMVTKPKA VSTPAPATTQ QSAPASTTAV TSSTTTTVAQ APTPVPALAP TSTPASITPA SATASSEPAK ASAAKQEKPA E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	RAD23B
---------	--------

Target Details

Alternative Name: RAD23B ([RAD23B Products](#))

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. Alternative splicing results in multiple transcript variants encoding distinct isoforms.,RAD23B,HHR23B,HR23B,P58,Epigenetics & Nuclear Signaling,DNA Damage & Repair,RAD23B

Molecular Weight: 35 kDa/43 kDa

Gene ID: 5887

UniProt: [P54727](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:100 - 1:200,IF,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

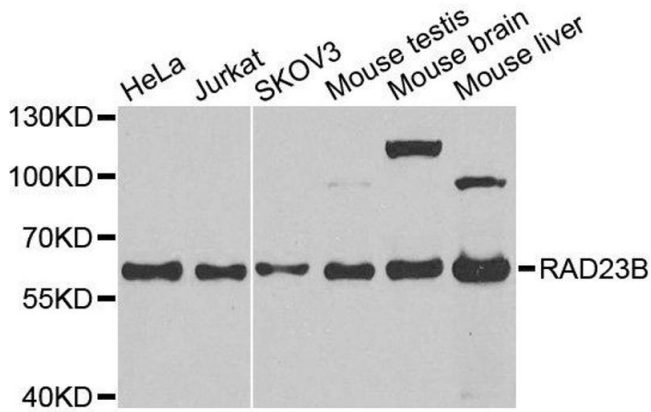
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

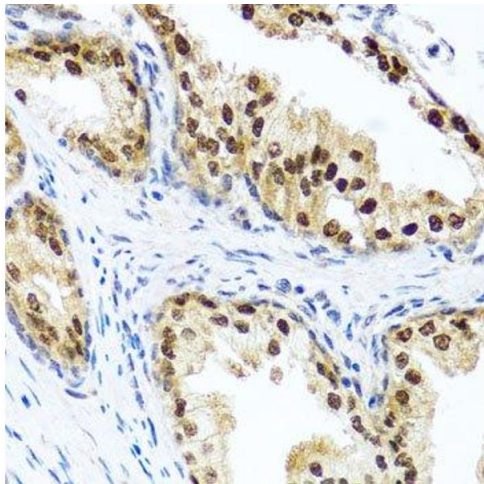
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



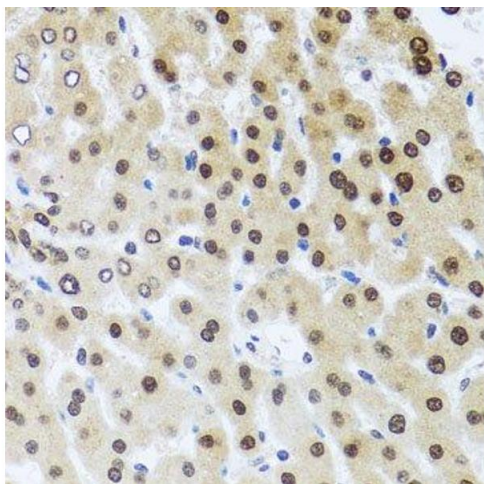
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using RAD23B antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human prostate using RAD23B antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human liver injury using RAD23B antibody.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6146632.