

Rad23B Rabbit Polyclonal Antibody



CAB1034

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

80kDa

Calculated MW:

35kDa/43kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200 IF 1:50 -

1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

5887

Uniprot

P54727

Synonyms:

RAD23B; HHR23B; HR23B; P58

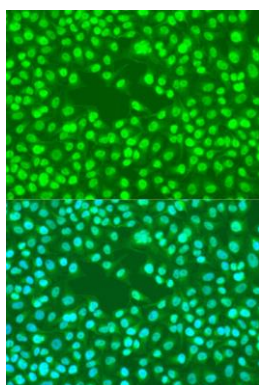
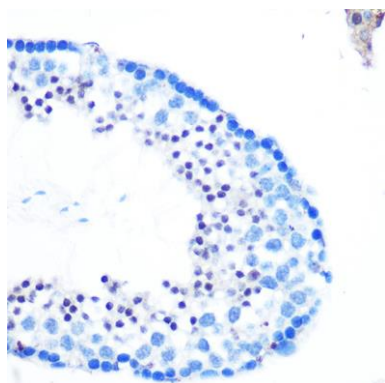
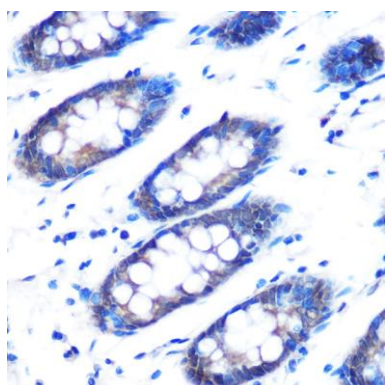
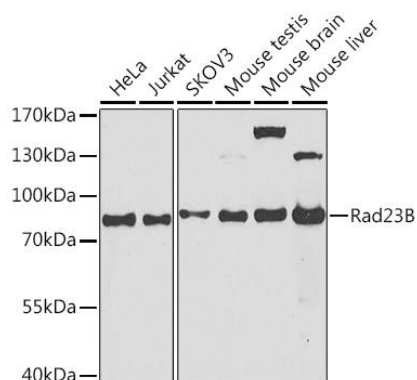
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Rad23B (NP_002865.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using Rad23B antibody (CAB1034) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunohistochemistry of paraffin-embedded human colon using Rad23B Rabbit pAb (CAB1034) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse testis using Rad23B Rabbit pAb (CAB1034) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of U2OS cells using Rad23B antibody (CAB1034) at dilution of 1:100. Blue: DAPI for nuclear staining.