

Rad23B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07605
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RAD23B. AA range:1-50
Mol wt	43171
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Rad23B Antibody
Synonyms	RAD23B; UV excision repair protein RAD23 homolog B; HR23B; hHR23B; XP-C repair-complementing complex 58 kDa protein; p58

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

RAD23 homolog B, nucleotide excision repair protein encoded by RAD23B is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in the nucleotide excision repair (NER). RAD23 homolog B, nucleotide excision repair 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. RAD23 homolog B, nucleotide excision repair 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. RAD23 homolog B, nucleotide excision repair protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus RAD23 homolog B, nucleotide excision repair protein may be involved in the ubiquitin mediated proteolytic pathway in cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Recommended Dilution

WB: 1: 500 - 1: 2000

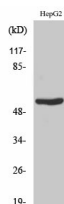
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

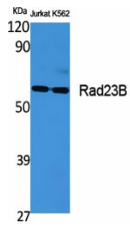
ELISA: 1: 20000

Not yet tested in other applications.

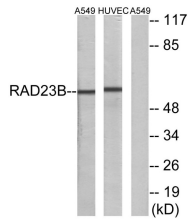
Images



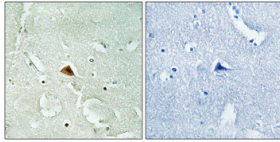
Western Blot analysis of HuvEc cells using Rad23B Polyclonal Antibody



Western Blot analysis of various cells using Rad23B Polyclonal Antibody



Western blot analysis of lysates from A549 and HUVEC cells, using RAD23B Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

Storage

-20°C for one year

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