

## Product datasheet for **TA365838S**

### **hHR23b (RAD23B) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 500-2000 WB positive control: HT-29 cell, Rat brain tissue, 293T cell, HUVEC cell, Hela cell lysates IHC: 30-150 Positive control: Human lung cancer Predicted cell location: Nucleus and Cytoplasm
<b>Reactivity:</b>	Human, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Fusion protein of human RAD23B
<b>Formulation:</b>	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C.
<b>Stability:</b>	1 year
<b>Predicted Protein Size:</b>	43 kDa
<b>Gene Name:</b>	RAD23 homolog B, nucleotide excision repair protein
<b>Database Link:</b>	<a href="#">Entrez Gene 5887 Human P54727</a>



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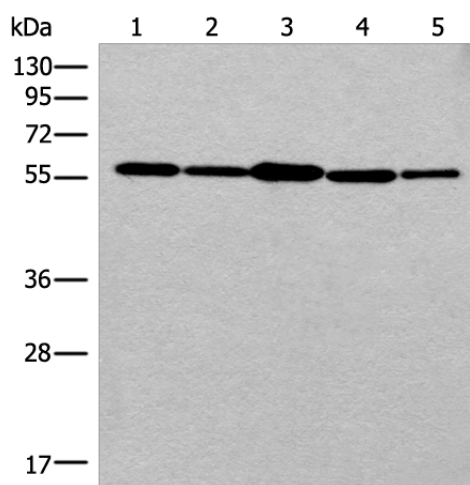
### Background:

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. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

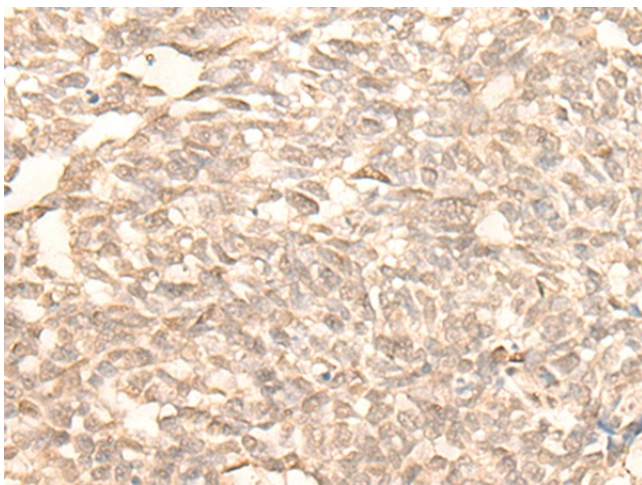
### Synonyms:

HHR23B; HR23B; P58

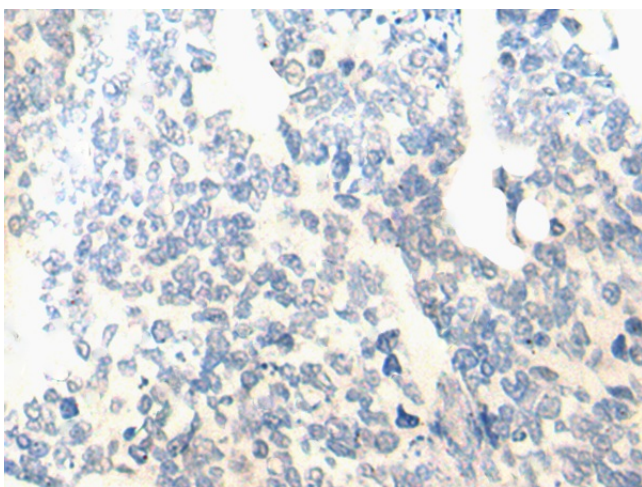
### Product images:



Gel: 8%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-5: HT-29 cell  
 Rat brain tissue  
 293T cell  
 HUVEC cell  
 Hela cell lysates  
 Primary antibody: [TA365838] (RAD23B Antibody)  
 at dilution 1/350  
 Secondary antibody: Goat anti rabbit IgG at  
 1/8000 dilution  
 Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded  
 Human lung cancer tissue using [TA365838]  
 (RAD23B Antibody) at dilution 1/25 (Original  
 magnification: x200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA365838] (RAD23B Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)