

Product datasheet for **TA319410**

hHR23b (RAD23B) Goat Polyclonal Antibody

Product data:

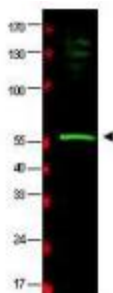
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:2,000 - 1:10,000, WB: 1:500 - 1:2,000
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole goat serum produced by repeated immunizations with a synthetic peptide corresponding aa 163-176 of human HR23B protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	RAD23 homolog B, nucleotide excision repair protein
Database Link:	NP_002865 Entrez Gene 5887 Human P54727
Synonyms:	HHR23B; HR23B; P58
Note:	HR23B (also known as UV excision repair protein RAD23 homolog B, XP-C repair complementing complex 58 kDa protein and p58) is one of two human homologs of <i>Saccharomyces cerevisiae</i> Rad23 (hHR23A and hHR23B), a protein involved in nucleotide excision repair (NER). This protein was 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, as well as with ubiquitin protein ligase E6AP, and thus suggests that this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.
Protein Families:	Druggable Genome



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Protein Pathways: Nucleotide excision repair

Product images:



WB using Anti-HR23B antibody shows detection of a band at ~58 kDa (arrowhead) corresponding to HR23B present in a HeLa whole cell lysate. Pre-incubation of antibody with immunizing peptide completely blocks reactivity (data not shown). Primary antibody diluted to 1:500 in 5% BLOTTO in PBS. The membrane was washed and reacted with a 1:20,000 dilution of IRDye™800 conjugated Rb-a-Goat IgG [H&L] for 45 min at RT.