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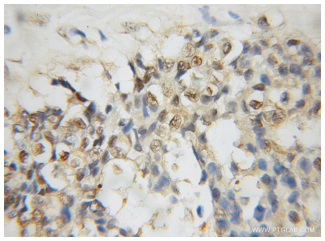
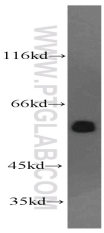
RAD23B Polyclonal Antibody

Catalog number: 12121-1-AP
Size: 41 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
RAD23B; RAD23B, HR23B, HHR23B, P58



Immunohistochemical of paraffin-embedded human breast cancer using 12121-1-AP(RAD23B antibody) at dilution of 1:50 (under 10x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 12121-1-AP(RAD23B antibody) at dilution of 1:200

Background

RAD23B, also named as p58, hHR23B and HR23B, belongs to the RAD23 family. It plays a central role both in proteosomal degradation of misfolded proteins and DNA repair. RAD23B is a central component of a complex required to couple deglycosylation and proteasome-mediated degradation of misfolded proteins in the endoplasmic reticulun that are retrotranslocated in the cytosol. Involved in DNA excision repair by stabilizing XPC protein. It may play a part in DNA damage recognition and/or in altering chromatin structure to allow access by damage-processing enzymes. RAD23B has two subunit: Heterodimer of a 125 kDa subunit (p125) and of a 58 kDa subunit (p58).

Applications

Tested applications:	**ELISA, WB, IHC**
Species specificity:	**Human, mouse, rat; other species not tested.**
Caculated RAD23B MW:	**409aa,43 kDa**
Observed RAD23B MW:	**58kd**
Positive WB detected in	**Jurkat cells, HEK-293 cells, A431 cells, mouse kidney tissue**
Positive IHC detected in	**Human breast cancer**
Recommended dilution:	**WB: 1:200-1:2000**
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag2763**
GenBank accession number:	**BC020973**
Gene ID (NCBI):	**5887**
Full name:	**RAD23 homolog B (S. cerevisiae)**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**