

For Research Use Only

RAD23A Polyclonal antibody

Catalog Number: 11364-1-AP **2 Publications**



Basic Information

Catalog Number: 11364-1-AP	GenBank Accession Number: BC014026	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 227 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5886	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: RAD23 homolog A (S. cerevisiae)	
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG1907	Observed MW: 55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

RAD23A, also named as HHR23A, belongs to the RAD23 family. It is a multiubiquitin chain receptor involved in modulation of proteasomal degradation. RAD23A binds to 'Lys-48'-linked polyubiquitin chains in a length-dependent manner and with a lower affinity to 'Lys-63'-linked polyubiquitin chains. It is proposed to be capable to bind simultaneously to the 26S proteasome and to polyubiquitinated substrates and to deliver ubiquitinated proteins to the proteasome. It is involved in nucleotide excision repair and is thought to be functional equivalent for RAD23B in global genome nucleotide excision repair (GG-NER) by association with XPC. In vitro, the XPC:RAD23A dimer has NER activity. Can stabilize XPC. It is also involved in vpr-dependent replication of HIV-1 in non-proliferating cells and primary macrophages and is required for the association of HIV-1 vpr with the host proteasome. This antibody is a rabbit polyclonal antibody raised against full length RAD23A of human origin.

Notable Publications

Author	Pubmed ID	Journal	Application
Lihua Song	26095601	Cancer Lett	WB
Xiaofei Zhang	28190767	Mol Cell	WB

Storage

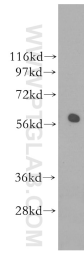
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11364-1-AP (RAD23A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.