

For Research Use Only

RAD23A Recombinant antibody

Catalog Number: 86132-1-RR



Basic Information

Catalog Number:

86132-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0716

GenBank Accession Number:

BC014026

GeneID (NCBI):

5886

UNIPROT ID:

P54725

Full Name:

RAD23 homolog A (*S. cerevisiae*)

Calculated MW:

40 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

250716C7

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: Jurkat cells, MCF-7 cells, SKOV-3 cells, OVCAR-3 cells, C6 cells, mouse testis tissue, rat testis cells

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.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

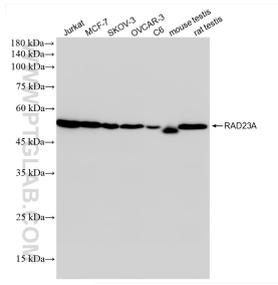
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various cell lysates were subjected to SDS PAGE followed by western blot with 86132-1-RR (RAD23A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.