

RAD23A Polyclonal Antibody

Catalog number: 11364-1-AP

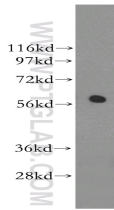
Size: 34 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

RAD23A; HHR23A; MGC111083



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11364-1-AP(RAD23A Antibody) at dilution of 1:800

Background

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.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, mouse, rat; other species not tested.
Positive WB detected in:	Mouse testis tissue
Calculated RAD23A MW:	40kd
Observed RAD23A MW:	55kd
Recommended dilution:	WB: 1:200-1:2000

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

Immunogen information

Immunogen:	Ag1907
GenBank accession number:	BC014026
Gene ID (NCBI):	5886
Full name:	RAD23 homolog A (S. cerevisiae)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.