

#### **Anti-RAD23A Antibody**

Rabbit polyclonal antibody to RAD23A **Catalog # AP61204** 

#### **Specification**

#### **Anti-RAD23A Antibody - Product Information**

WB, IF/IC Application **Primary Accession** P54725

Reactivity Human, Rat, Monkey, Bovine Host **Rabbit** 

Clonality **Polyclonal** Calculated MW 39609

### **Anti-RAD23A Antibody - Additional Information**

**Gene ID 5886** 

#### **Other Names**

UV excision repair protein RAD23 homolog A; HR23A; hHR23A

#### Target/Specificity

Recognizes endogenous levels of RAD23A protein.

#### **Dilution**

WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

IF/IC~~N/A

#### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

### **Storage**

Store at -20 °C. Stable for 12 months from date of receipt

## **Anti-RAD23A Antibody - Protein Information**

### Name RAD23A

#### **Function**

Multiubiquitin chain receptor involved in modulation of proteasomal degradation. Binds to 'Lys-48'-linked polyubiquitin chains in a length-dependent manner and with a lower affinity to 'Lys-63'- linked polyubiquitin chains. Proposed to be capable to bind simultaneously to the 26S proteasome and to polyubiquitinated substrates and to deliver ubiquitinated proteins to the proteasome. (Microbial infection) Involved in Vpr-dependent replication of HIV-1 in non-proliferating cells and primary macrophages. Required for the association of HIV-1 Vpr with the host proteasome.

#### **Cellular Location**



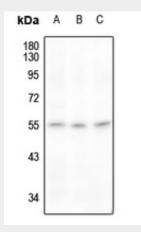
Nucleus.

## **Anti-RAD23A Antibody - Protocols**

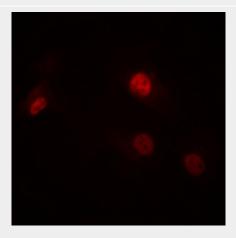
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-RAD23A Antibody - Images

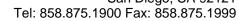


Western blot analysis of RAD23A expression in Hela (A), HEK293T (B), rat testis (C) whole cell lysates.



Immunofluorescent analysis of RAD23A staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.







# Anti-RAD23A Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAD23A. The exact sequence is proprietary.