

Allgemeine Informationen

Katalog-Nr.:

51033-1-AP

Größe:

150ul, Konzentration: 400 µg/ml von Nanodrop und 250 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG0716

GenBank-Zugangsnummer:

BC014026

GeneID (NCBI):

5886

Vollständiger Name:

RAD23 homolog A (*S. cerevisiae*)

Berechnete Masse:

40 kDa

Beobachtete Masse:

55 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
 IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Affe, Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Mausmilzgewebe, Jurkat-Zellen, Rattenmilzgewebe

IP: Jurkat-Zellen,

IHC: humanes Lymphomgewebe,

Hintergrundinformationen

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 a fusion protein of full length human RAD23A.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Laço Mário N MN	22970133	PLoS One	WB, IF
Aya Jodo	32849529	Front Immunol	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

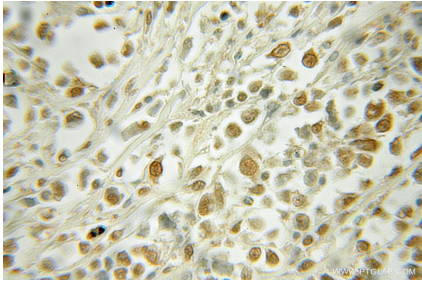
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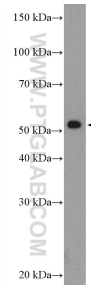
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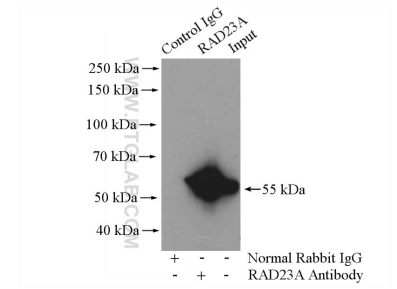
Ausgewählte Validierungsdaten



Immunohistochemical analysis of paraffin-embedded human lymphoma using 51033-1-AP (RAD23A antibody) at dilution of 1:50 (under 10x lens).



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 51033-1-AP (RAD23A Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-RAD23A (IP:51033-1-AP, 4ug; Detection:51033-1-AP 1:500) with Jurkat cells lysate 4000ug.