Datasheet for ABIN2775295

anti-RAD23A antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	RAD23A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Guinea Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD23A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RAD23A
Sequence:	VPSSGSSGRE EDAASTLVTG SEYETMLTEI MSMGYERERV VAALRASYNN
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RAD23A. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	RAD23A

 Copyright antibodies-online. All rights reserved.

Target Details

Alternative Name:	RAD23A (RAD23A Products)
Background:	RAD23A is one of two human homologs of Saccharomyces cerevisiae Rad23, a protein involved in nucleotide excision repair (NER). This protein was shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, as well as with ubiquitin protein ligase E6AP, and thus suggests that this protein may be involved in the ubiquitin mediated proteolytic pathway in cells.The protein encoded by this gene is one of two human homologs of Saccharomyces cerevisiae Rad23, a protein involved in nucleotide excision repair (NER). This protein was shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, as well as with ubiquitin protein ligase E6AP, and thus suggests that this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. Alias Symbols: HHR23A, MGC111083 Protein Interaction Partner: USP25, ZBTB44, TRIP6, TRAF5, TRAF2, ZBTB8A, ANKRD40, FAM188A, TRIM54, NGLY1, CEP250, CEP76, UBC, SHFM1, vpr, XPC, DCTPP1, OGFOD1, UBA6, UBE2R2, TRNT1, HERC4, NT5C2, FKBP9, PCNA, HEXA, CDC34, GNPDA1, GTF3C4, USP5, WARS, TBCE, PYGL, PARP1, SH3RF2, PARK2, SQ Protein Size: 363
Molecular Weight:	40 kDa
Gene ID:	5886
NCBI Accession:	NM_005053, NP_005044
UniProt:	P54725
Pathways:	DNA Damage Repair

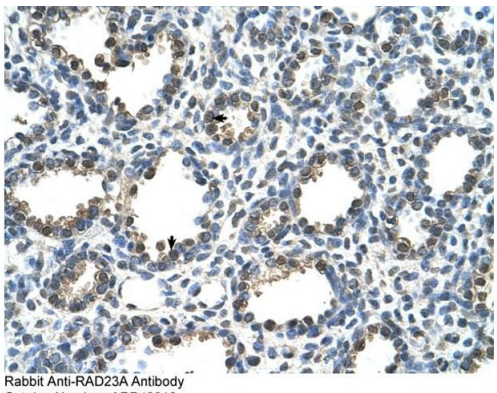
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 363 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-RAD23A Antibody
Catalog Number: ARP42210
Lot Number: QC12771
Paraffin Embeded Tissue: Human Lung
Cells with Positive label: Alveolar cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 1. Rabbit Anti-RAD23A Antibody Paraffin Embedded Tissue: Human Lung Cellular Data: Alveolar cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Western Blotting

Image 2. WB Suggested Anti-RAD23A Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate RAD23A is supported by BioGPS gene expression data to be expressed in Jurkat