# antibodies - online.com







# anti-RAD9A antibody (Center)



# **Images**



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()Ver	view	

Alternative Name:

Quantity:	100 μL
Target:	RAD9A
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD9A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human Rad9. The
	exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to Rad9 (RAD9 homolog A (S. pombe))
	Rad9 antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	RAD9A

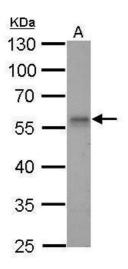
Rad9 (RAD9A Products)

## Target Details

Background:	This gene product is highly similar to Schizosaccharomyces pombe rad9, a cell cycle
	checkpoint protein required for cell cycle arrest and DNA damage repair in response to DNA
	damage. This protein is found to possess 3' to 5' exonuclease activity, which may contribute to
	its role in sensing and repairing DNA damage. It forms a checkpoint protein complex with RAD1
	and HUS1. This complex is recruited by checkpoint protein RAD17 to the sites of DNA damage,
	which is thought to be important for triggering the checkpoint-signaling cascade. Use of
	alternative polyA sites has been noted for this gene.
	Cellular Localization: Nucleus
Molecular Weight:	43 kDa
Gene ID:	5883
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded
	sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal
	dilutions/concentrations should be determined by the researcher. Suggested
	dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-
	1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: A431 , HeLa , C2C12 , Rat2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 40 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

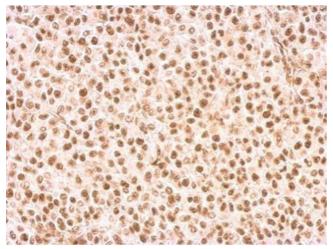
cycles.

### **Images**



#### **Western Blotting**

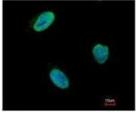
Image 1. WB Image Rad9 antibody detects RAD9A protein by Western blot analysis. A. 30 µg Rat2 whole cell lysate/extract 10 % SDS-PAGE Rad9 antibody , dilution: 1:1000



#### **Immunohistochemistry**

Image 2. IHC-P Image Rad9 antibody detects RAD9A protein at nucleus HBL435 xenograft immunohistochemical analysis. Sample: Paraffin-embedded HBL435 xenograft. Rad9 antibody, dilution: 1:500.





#### **Immunofluorescence**

Image 3. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Rad9, antibody at 1:100 dilution.

Please check the product details page for more images. Overall 5 images are available for ABIN2857053.