



[Go to Product page](#)

Datasheet for ABIN389631

## anti-RAD9A antibody (pSer272)

2 Images

3 Publications

### Overview

Quantity:	400 µL
Target:	RAD9A
Binding Specificity:	pSer272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD9A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This RAD9 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S272 of human RAD9.
Clone:	RB7109
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	RAD9A
Alternative Name:	RAD9 ( <a href="#">RAD9A Products</a> )

## Target Details

---

Background:	Rad9 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.
Molecular Weight:	42547
Gene ID:	5883
NCBI Accession:	<a href="#">NP_001230153</a> , <a href="#">NP_004575</a>
UniProt:	<a href="#">Q99638</a>
Pathways:	<a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

---

Application Notes:	WB: 1:1000. IHC-P: 1:10~100
Restrictions:	For Research Use only

## Handling

---

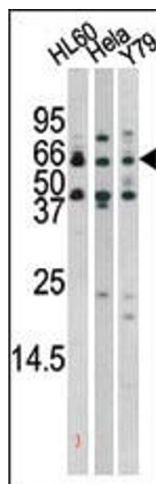
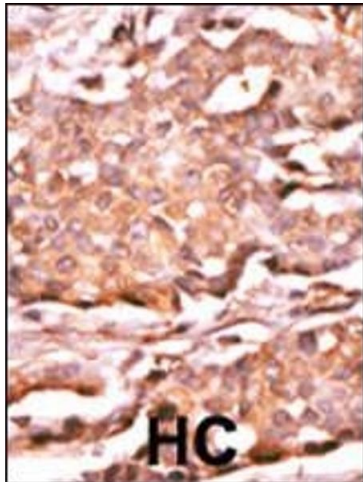
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

---

Product cited in:	Kevin Li-Chun, Schob, Zeller, Pulli, Ali, Wang, Chiou, Tsang, Lee, Stossel, Chen: "Gelsolin decreases actin toxicity and inflammation in murine multiple sclerosis." in: <b>Journal of</b>
-------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Images

**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

**Western Blotting**

**Image 2.** The anti-Phospho-Rad9- Pab (ABIN389631 and ABIN2839627) is used in Western blot to detect Phospho-Rad9- in HL60 (left), HeLa(middle), and Y79(right)tissue lysates.