

Datasheet for ABIN926900

anti-RAD9A antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	RAD9A
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD9A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	RAD9 A antibody was raised in rabbit using the C terminal of RAD9 as the immunogen
Cross-Reactivity:	Rat (Rattus)
Purification:	Purified

Target Details

Target:	RAD9A
Alternative Name:	RAD9A (RAD9A Products)
Background:	RAD9A 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

Target Details

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. 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. Synonyms: Polyclonal RAD9A antibody, Anti-RAD9A antibody, RAD9 homolog A, *S. pombe* antibody, RAD9 antibody.

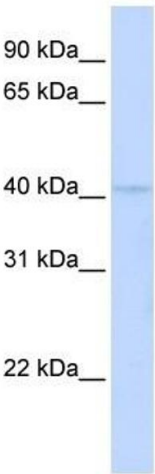
Pathways: [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	RAD9A Blocking Peptide, catalog no. 33R-8624, is also available for use as a blocking control in assays to test for specificity of this RAD9A antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. RAD9A antibody (70R-10476) used at 1.25 ug/ml to detect target protein.