Datasheet for ABIN356831

anti-RAD9A antibody (BH3 Domain, N-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	RAD9A
Binding Specificity:	AA 1-100, BH3 Domain, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD9A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody was developed against a synthetic peptide corresponding within amino acid residues 1-100 of human Rad9.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to RAD9 (BH3 Domain).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	RAD9A
Alternative Name:	RAD9A (RAD9A Products)

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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.Synonyms: Cell cycle checkpoint control protein RAD9A, DNA repair exonuclease rad9 homolog A, EC=3.1.11.2, RAD-9A
Gene ID:	5883, 9606
UniProt:	Q99638
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

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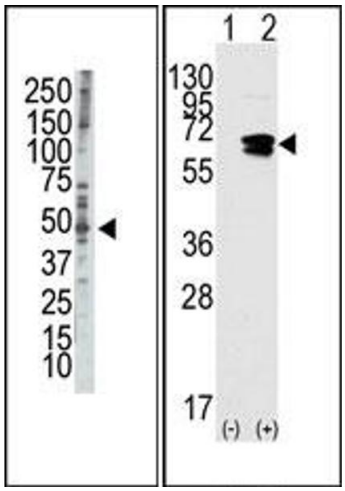

Image 1.

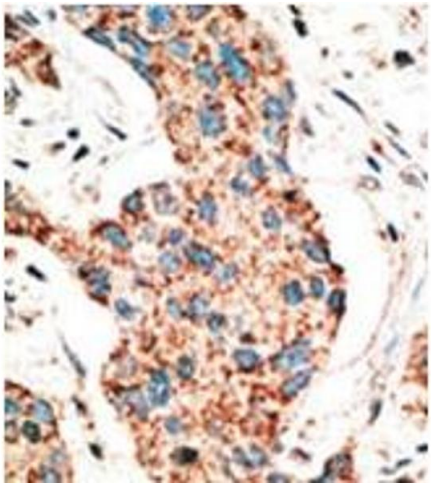

Image 2.

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