Rad9 Antibody (S387)

Catalog_no：	AB0933
Applications：	IHC-P, WB
Reactivity：	H
Category：	抗原抗体
Size：	100μL/50μL
Immunogen：	HUMAN:365-391
Specificity：	This Rad9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 365-391 amino acids from human Rad9.
Dilution：	WB,1:1000;IHC-P,1:10~50;IF,1:10~50;
Purification：	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name：	Cell cycle checkpoint control protein RAD9A, hRAD9, DNA repair exonuclease rad9 homolog A, RAD9A
Isotype：	Rabbit Ig
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.
reference：	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Takeishi, Y., et al. Genes Cells 15(7):761-771(2010) Greer Card, D.A., et al. J. Biol. Chem. 285(20):15653-15661(2010) Bai, H., et al. DNA Repair (Amst.) 9(5):478-487(2010) Sierant, M.L., et a