

Rad17 (phospho-Ser635) rabbit pAb

Catalog_no :	AP1457
Applications :	WB
Reactivity :	Human
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	RAD17 R24L
Protein_name :	Rad17 (Ser635)
Humangene_id :	5884
Humanswissprot_no :	O75943
Mousegene_id :	19356
Mouseswissprot_no :	Q6NXW6
Immunogen :	Synthesized phosho peptide around human Rad17 (Ser635)
Specificity :	This antibody detects endogenous levels of Human Rad17 (phospho-Ser635)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	Cell cycle checkpoint protein RAD17 (hRad17) (RF-C/activator 1 homolog)
Molecular Weight :	77KD
Background :	RAD17 checkpoint clamp loader component(RAD17) Homo sapiens The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad17, a cell cycle checkpoint gene required for cell cycle arrest and DNA damage repair in

response to DNA damage. This protein shares strong similarity with DNA replication factor C (RFC), and can form a complex with RFCs. This protein binds to chromatin prior to DNA damage and is phosphorylated by the checkpoint kinase ATR following damage. This protein recruits the RAD1-RAD9-HUS1 checkpoint protein complex onto chromatin after DNA damage, which may be required for its phosphorylation. The phosphorylation of this protein is required for the DNA-damage-induced cell cycle G2 arrest, and is thought to be a critical early event during checkpoint signaling in DNA-damaged cells. Multiple alternatively spliced transcript variants of this gene, which encode four distinct protein isoforms, h
