Phospho-Rad17 (Ser656) Rabbit pAb

db20959 **Package : 20μL 50μL 100μL**

Product Name : Phospho-Rad17 (Ser656) Rabbit pAb
Cat.No.: db20959
Synonyms : CCYC; R24L; RAD24; HRAD17; RAD17SP
Application : WB, IHC, ICC/IF
Reactivity : Human
Host species : Rabbit

Background	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, have been reported. Two pseudogenes, located on chromosomes 7 and 13, have been identified. [provided by RefSeq, Jul 2013]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser656 of human Rad17
Gene ID	5884
Swiss Prot	O75943
Synonyms	CCYC; R24L; RAD24; HRAD17; RAD17SP
Reactivity	Human
Application	WB, IHC, ICC/IF
Recommended dilution	WB: 1:1000-1:5000 IHC: 1:501:50
Calculated MW	77 kDa
Observed MW	80 kDa
Host species	Rabbit
Clonality	Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.