

## ATR (phospho-Thr1989) rabbit pAb

Catalog_no :	AP1269
Applications :	WB
Reactivity :	Human
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	ATR FRP1
Protein_name :	ATR (Thr1989)
Humangene_id :	<a href="#">545</a>
Humanswissprot_no :	<a href="#">Q13535</a>
Mouseswissprot_no :	<a href="#">Q9JKK8</a>
Immunogen :	Synthesized phospho peptide around human ATR (Thr1989)
Specificity :	This antibody detects endogenous levels of Human ATR (phospho-Thr1989)
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 :	Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1)
Molecular Weight :	300KD
Background :	ATR serine/threonine kinase(ATR) Homo sapiens The protein encoded by this gene belongs the PI3/PI4-kinase family, and is most closely related to ATM, a protein kinase encoded by the gene mutated in ataxia telangiectasia. This protein and ATM share similarity with Schizosaccharomyces pombe rad3, a cell cycle checkpoint gene required

for cell cycle arrest and DNA damage repair in response to DNA damage. This kinase has been shown to phosphorylate checkpoint kinase CHK1, checkpoint proteins RAD17, and RAD9, as well as tumor suppressor protein BRCA1. Mutations of this gene are associated with Seckel syndrome. An alternatively spliced transcript variant of this gene has been reported, however, its full length nature is not known. Transcript variants utilizing alternative polyA sites exist. [provided by RefSeq, Jul 2008],

---