Mre11 (phospho-Ser676) rabbit pAb

Catalog_no：	AP1407
Applications：	WB
Reactivity：	Human
Category：	抗原抗体
Size：	100μg/50μg/20μg
Gene_name：	MRE11A HNGS1 MRE11
Protein_name：	Mre11 (Ser676)
Humangene_id：	4361
Humanswissprot_no：	P49959
Mousegene_id：	17535
Mouseswissprot_no：	Q61216
Ratgene_id：	64046
Ratswissprot_no：	Q9JIM0
Immunogen：	Synthesized phosho peptide around human Mre11 (Ser676)
Specificity：	This antibody detects endogenous levels of Human Mre11 (phospho-Ser676)
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：	Double-strand break repair protein MRE11A (Meiotic recombination 11 homolog 1) (MRE11 homolog 1) (Meiotic recombination 11 homolog A) (MRE11 homolog A)

Molecular Weight：	80KD
Background：	MRE11 homolog, double strand break repair nuclease(MRE11) Homo sapiens This gene encodes a nuclear protein involved in homologous recombination, telomere length maintenance, and DNA double-strand break repair. By itself, the protein has 3' to 5' exonuclease activity and endonuclease activity. The protein forms a complex with the RAD50 homolog; this complex is required for nonhomologous joining of DNA ends and possesses increased single-stranded DNA endonuclease and 3' to 5' exonuclease activities. In conjunction with a DNA ligase, this protein promotes the joining of noncomplementary ends in vitro using short homologies near the ends of the DNA fragments. This gene has a pseudogene on chromosome 3. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],