

ATR Ab

Cat.#: AF4767	Concn.: 1mg/ml	Mol.Wt.: 300kDa
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	ATR Ab detects endogenous levels of ATR.
Immunogen:	A synthesized peptide derived from human ATR.
Uniprot:	Q13535
Subcellular Location:	Nucleus. Nucleus > PML body. Depending on the cell type, it can also be found in PML nuclear bodies. Recruited to chromatin during S-phase. Redistributes to discrete nuclear foci upon DNA damage, hypoxia or replication fork stalling.
Tissue Specificity:	Ubiquitous, with highest expression in testis. Isoform 2 is found in pancreas, placenta and liver but not in heart, testis and ovary.
Similarity:	Belongs to the PI3/PI4-kinase family. ATM subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of ATR in lysates of HeLa , using ATR Ab(AF4767).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.