

Product Information

Product SKU:	CABP0676	Gene ID:	545	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	300kDa	Conjugate:	Unconjugated
Calculated MW:	301kDa	Isotype:	IgG

Immunogen Information

Background:	The protein encoded by this gene is a serine/threonine kinase and DNA damage sensor, activating cell cycle checkpoint signaling upon DNA stress. The encoded protein can phosphorylate and activate several proteins involved in the inhibition of DNA replication and mitosis, and can promote DNA repair, recombination, and apoptosis. This protein is also important for fragile site stability and centrosome duplication. Defects in this gene are a cause of Seckel syndrome 1.
Recommended Dilution:	WB,1:100 - 1:500 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
Synonyms:	FRP1; MEC1; SCKL; FCTCS; SCKL1; Phospho-ATR-S428
Purification Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around S428 of human ATR (NP_001175.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.