

CAB17294

Product Information

Product SKU:	CAB17294	Gene ID:	545	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	Refer to figures	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:	IF/ICC, 1:50 - 1:200
Synonyms:	FRP1; MEC1; SCKL; FCTCS; SCKL1; ATR
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 740-870 of ATR (NP_001175.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.