

Anti-Phospho-ATM (Ser1981) Polyclonal Antibody

05/21

CATALOG NO.:	A2350-50 (50 µl)
	A2350-100 (100 µl)

BACKGROUND DESCRIPTION: Ataxia telangiectasia mutated (ATM) is a serine/threonine kinase that is activated by DNA damage. ATM serves as an important cell cycle checkpoint kinase that regulates downstream proteins via phosphorylation. Among the targets of ATM are tumor suppressor proteins such as p53 and BRCA1, cell cycle checkpoint proteins such as CHK2 and RAD17, and DNA repair proteins such as NBS1.

ALTERNATE NAMES: Ataxia telangiectasia mutated; ATM serine/threonine kinase; TEL1; Telomere maintenance 1

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Synthesized peptide derived from human ATM around the phosphorylation site of Ser 1981

PURIFICATION: Affinity purification

MOLECULAR WEIGHT: 350 kDa

FORM: Liquid

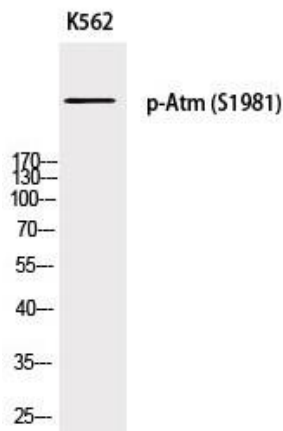
FORMULATION: In PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH 7.4

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Aliquot and store at -20 °C. Avoid repeated freeze-thaw cycles

APPLICATIONS: Western Blotting: 1:500 to 1:2000 dilution

This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of K562 cell lysate sample with Anti-Phospho-ATM (Ser 1981) Polyclonal Antibody.

RELATED PRODUCTS:

Anti-RAD9A Antibody (3A3-A7-F8) (Cat. No. A1316)
 Phospho-Chk1 (Ser280) Antibody (Cat. No. A1262)
 Chk2 Antibody (Cat. No. 3305)
 Anti-ATM Antibody (Cat. No. A2211)
 ATR Antibody (Cat. No. 3767)

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