

Phospho-ATM-S1981 Rabbit Monoclonal Antibody

CABP1030



Product Information

Size:

20uL, 50uL, 100uL

Observed MW:

370kDa

Calculated MW:

370kDa

Applications:

WB

Reactivity:

Human

Protein Background

The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint kinase that phosphorylates; thus, it functions as a regulator of a wide variety of downstream proteins, including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2, checkpoint proteins RAD17 and RAD9, and DNA repair protein NBS1. This protein and the closely related kinase ATR are thought to be master controllers of cell cycle checkpoint signaling pathways that are required for cell response to DNA damage and for genome stability. Mutations in this gene are associated with ataxia telangiectasia, an autosomal recessive disorder. [provided by RefSeq, Aug 2010]

Immunogen information

Gene ID:

472

Uniprot

Q13315

Synonyms:

AT1; ATA; ATC; ATD; ATDC; ATE; TEL1; TELO1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

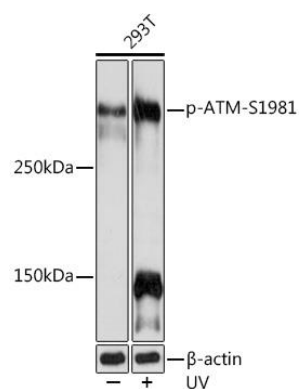
Immunogen:

A phospho specific peptide corresponding to residues surrounding S1981 of human ATM

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Product Images



Western blot - Phospho-ATM-S1981 Rabbit mAb (CABP1030)