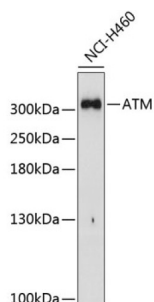


Serine-Protein Kinase ATM (ATM) Antibody

Catalogue No.: abx004526



Western blot analysis of extracts of H460 cells using ATM Antibody (1/1000 dilution).

ATM Antibody is a Rabbit Polyclonal antibody against ATM. 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.

Target:	Serine-Protein Kinase ATM (ATM)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	WB
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to human ATM
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q13315 (UniProt , ExPASy)

Datasheet

Version: 5.0.0

Revision date: 13 Aug 2025



Gene Symbol: ATM

GeneID: [472](#)

NCBI Accession: NP_000042.3

KEGG: hsa:472

String: [9606.ENSP00000278616](#)

Molecular Weight: Calculated MW: 350 kDa
Observed MW: 310 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only