

Product Name: ATM Rabbit Monoclonal Antibody

Catalog #: AMRe85227

For research use only.

Summary

Description Recombinant rabbit monoclonal antibody

Host Rabbit
Application WB,IP
Reactivity Human

ConjugationUnconjugatedModificationUnmodified

Isotype IgG

Clonality Monoclonal
Form Liquid

Concentration

Storage Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

Shipping Ice bags

Buffer Purified antibody in TBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.

Purification Affinity Purification

Application

Dilution Ratio WB 1:500-1:1000,IP 1:10-1:20

Molecular Weight Calculated MW: 351 kDa; Observed MW: 351 kDa

Antigen Information

Gene Name ATM

Alternative Names ATM; Serine-protein kinase ATM; Ataxia telangiectasia mutated; A-T mutated

 Gene ID
 472.0

 SwissProt ID
 Q13315

Immunogen Recombinant protein of human ATM

Background

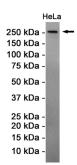
The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint kinase that phosphorylates; thus, it functions as a regulator of a wide variety of downstream proteins, including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2, 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.

Research Area

Image Data



Western blot analysis of ATM in Hela lysates using ATM antibody.

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