

Product Datasheet

ATM Antibody



Catalog No: CY5207

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC

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Information

UniProt ID: Q13315

All Names: A-T, mutated; Ataxia telangiectasia mutated; Ataxia telangiectasia mutated homolog; EC 2.7.11.1; kinase ATM; Serine-protein kinase ATM;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 350 kDa

Application

WB 1:500~1:2000

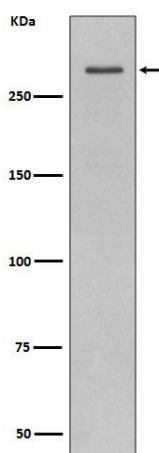
IHC 1:50~1:100

ICC/IF 1:50~1:200

FC 1:50

Background

ATM 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.



Western blot analysis of ATM expression in HeLa cell lysate.

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