
ATM Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 200158

Unit: 0.1 mg

Description:

Ataxia telangiectasia mutated (ATM) is a Ser/Thr protein kinase which activates checkpoint signaling upon double strand breaks, apoptosis and genotoxic stresses such as ionizing ultraviolet A light, thereby acting as a DNA damage sensor. ATM is also involved in signal transduction and cell cycle control and may function as a tumor suppressor. Defects in ATM are the cause of ataxia telangiectasia, leukemia, and lymphoma.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, P

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

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

Accession No.: Q13315

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATM.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.