

ATM RABBIT PAB

货号: S221629

产品全名: ATM 兔多抗

基因符号: AT1; ATA; ATC; ATD; ATE; ATDC; TEL1; TELO1

UNIPROT ID: Q13315 (Gene Accession - NP_000042)

背景: 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.

抗原: Synthetic peptide of human ATM

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 40-200; ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

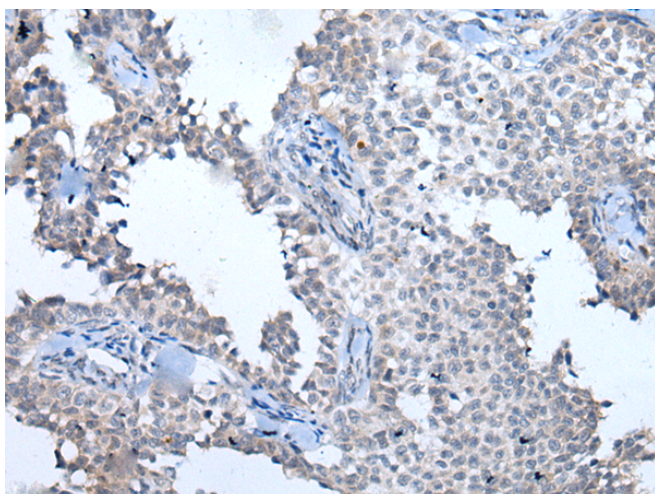
纯化: Antigen affinity purification

种属反应性: Human

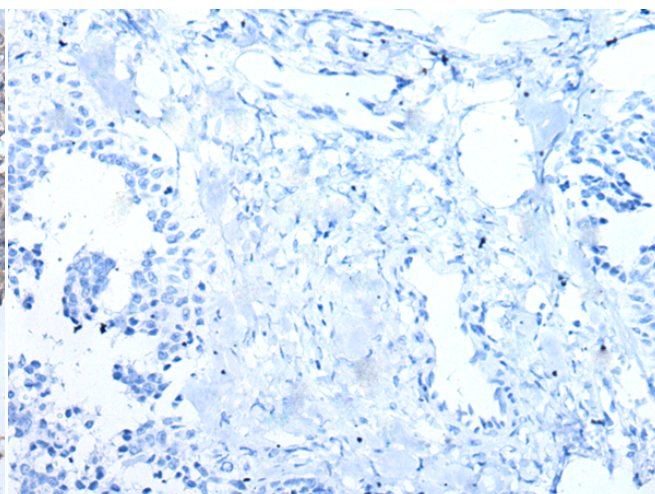
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Epigenetics and Nuclear Signaling, Cancer

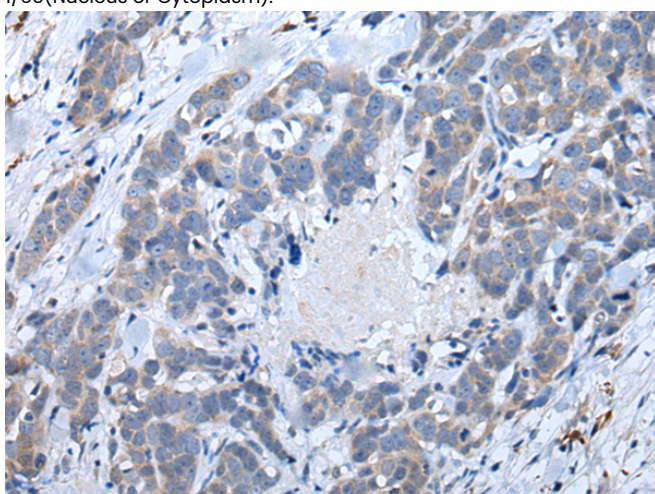
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



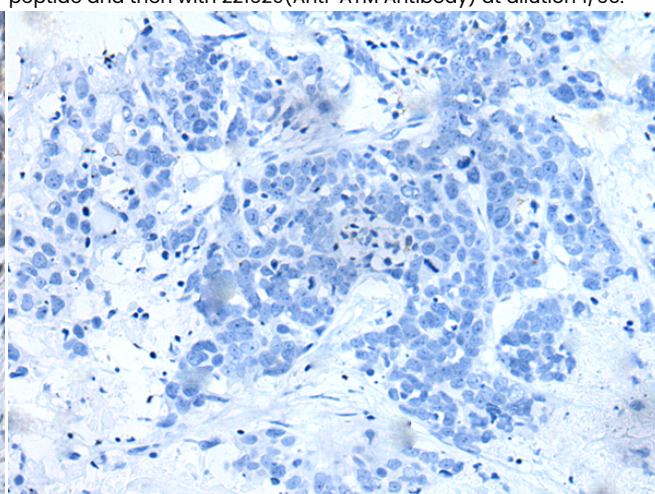
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 221629(ATM Antibody) at a dilution of 1/65(Nucleus or Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 221629(Anti-ATM Antibody) at dilution 1/65.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 221629(Anti-ATM Antibody) at a dilution of 1/65.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D263304(Anti-ATM Antibody) at dilution 1/65.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
