



# ELK Biotechnology

ATM Rabbit pAb

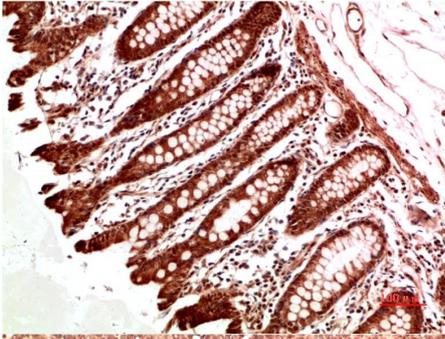
Catalog NO.: EA323

For research use only.

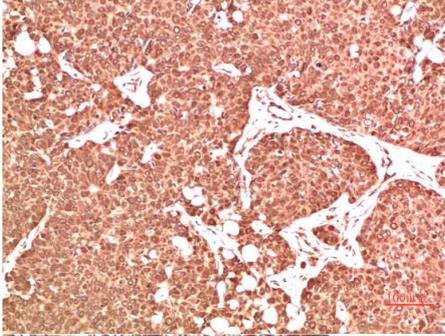
## Overview

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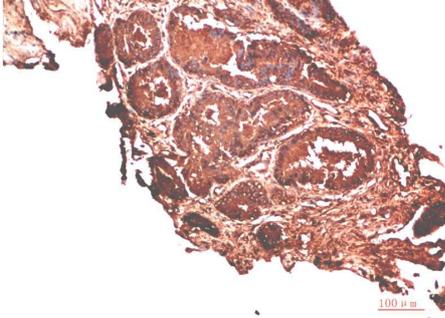
Product name	ATM Rabbit polyclonal antibody
Source	Rabbit
Applications	IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	Immunohistochemistry:1/200-500 <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>350kDa</b>
GeneID (Human)	472
Human Swiss-Prot No.	Q13315
Cellular localization	Cytoplasmic vesicle, Nucleus
Alternative Names	AT1,ATA,ATDC,TEL1,A-T mutated antibody
Background	Ataxia telangiectasia mutated kinase (ATM) is a serine/threonine kinase that regulates cell cycle checkpoints and DNA repair. ATM kinase regulates a number of proteins involved in cell cycle checkpoint control, apoptosis, and DNA repair.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using ATM (EA323) Rabbit pAb diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using ATM (EA323) Rabbit pAb diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human Prostate Carcinoma Tissue using ATM (EA323) Rabbit pAb diluted at 1:200.