

For Research Use Only

# ATM Polyclonal antibody

Catalog Number: 21950-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 21950-1-AP	<b>GenBank Accession Number:</b> BC007023	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul	<b>GeneID (NCBI):</b> 472	
<b>Source:</b> Rabbit	<b>Full Name:</b> ataxia telangiectasia mutated	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 3056 aa, 351 kDa	
<b>Immunogen Catalog Number:</b> AG15123		

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human

**Cited Species:**  
human

## Background Information

The ATM protein is a member of the phosphatidylinositol 3-kinase family of proteins that respond to DNA damage by phosphorylating key substrates involved in DNA repair and/or cell cycle control. It is involved in mitogenic signal transduction, meiotic recombination, detection of DNA damage, and cell cycle control.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiufang Song	26451628	Chem Res Toxicol	WB
Hui Dong	25818601	Toxicol Appl Pharmacol	WB
Tang Zhong-Ping ZP	23681803	Tumour Biol	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data